PROGRAM DÖKÜM EKİ

60

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COMMODORE
AYLIK BİLGİSAYAR DERGİSİ

Commodore'un Ücretsiz Ekidir

BIG EKRAN EDITORU

BÜLENT ÜNEL

Geçen sayılarda yayınlanan Big Edit programıyla üretilmiş karakter setlerini daha rahat bir şekilde ekranda kullanabilmek için 64'ün standart ekran editörü yeterli değildir. Veya standart editörle 2×2'lik karakterleri azabilmek için bir dizi Rus on-off-shift kombinasiayla boğuşma zarureti vardır. Bu işi kolaylaştırmak için bu kısa editörü hemen yazmanızı tavsiye ederim.

Big ekran editöründe standart ekran editörünün taşıdığı özelliklerinden çoğu mecvut. Editörden çıkış için F1 tuşuna basmalıyız. Yazdığınız yazıları low-res baskı yapan kartuşlarla ya da programlarla kağıda da bastırabilirsiniz.

Yalnız unutulmaması gereken nokta eğer bir karaker seti yüklemeden programı çalıştırırsanız bomboş bir ekranla karşılaşırsınız. Onun için önce bir büyük karakter seti yükleyip editörünüzü yükleyip çalıştırın. Programı yazarken BDE'yi kullanmanızı tavsiye ederim.

```
PROGRAM ADI : BIG EKRAN EDITORU

00000 REM   ******************************
      ***                                    <050>
00001 REM   ***  BIG CHAR EKRAN EDITORU
      ***                                    <059>
00002 REM   ***  (C) 1990   BULENT UNAL
      ***                                    <175>
00003 REM   ******************************
      ***                                    <053>
00004 POKE 53280,11:POKE 53281,0:PRINT "<
      CLR><C=5>":POKE 53272,29:CR$="<2LE
      FT><DOWN><RVSON>":RC$="<RVSOFF><UP>
      ":POKE 650,128                         <198>
00005 GET T$:IF T$="" THEN 5                 <004>
00006 IF T$="<F1>" THEN POKE 53272,21:END
                                             <186>
00007 IF ASC(T$)=20 AND PEEK(211)=0 THEN
      PRINT "<UP>";:GOTO 5                   <166>
00008 IF ASC(T$)=20 THEN PRINT "<2LEFT><2
      SPACE>"CR$"<2SPACE><2LEFT>"RC$;:GOT
      O 5                                    <251>
00009 IF ASC(T$)=19 THEN PRINT CHR$(19);:
      GOTO 5                                 <004>
00010 IF ASC(T$)=147 THEN PRINT CHR$(147)
      ;:GOTO 5                               <026>
00011 IF ASC(T$)=13 THEN PRINT CHR$(13);:G
      OTO 5                                  <116>
00012 IF ASC(T$)=29 THEN PRINT "<2RIGHT>"
      ;:GOTO 5                               <033>
00013 IF ASC(T$)=157 THEN PRINT "<2LEFT>"
      ;:GOTO 5                               <154>
00014 IF ASC(T$)=17 THEN PRINT "<2DOWN>";
      :GOTO 5                                <016>
00015 IF ASC(T$)=145 THEN PRINT "<2UP>";:
      GOTO 5                                 <116>
00016 IF ASC(T$)<32 OR ASC(T$)>100 THEN 5
                                             <048>
00017 A=ASC(T$):PRINT T$CHR$(ASC(T$)+128)
      CR$T$CHR$(ASC(T$)+128)RC$;:GOSUB 18
      :GOTO 5                                <125>
00018 IF PEEK(211)=40 THEN PRINT             <142>
00019 RETURN                                 <077>
```

LETTER MAKER

DR.ALİ HATAY

Programımız isminden anlaşılacağı gibi bir mektup yazma programı. Mesela bilgisayarı olan bir arkadaşınıza mektup yazıp haberleşmek istiyorsunuz, fakat kâğıt kalem kullanmaya üşeniyorsunuz, arşivinizde bu program varsa hemen mektubunuzu yazın ve arkadaşınıza gönderin.

Programı yazıp çalıştırınca karşınıza ana menü ve 4 seçenek gelecek.

1- Mektup yazma
2- Mektup okuma
3- Directory
4- Çıkış

Bu seçenekler için Joystick'i yukarı aşağı çekerek belirliyorsunuz ve ateşle seçiyorsunuz.

Mektup Yazma Seçeneğinde sizden kayıt edeceğiniz mektup ismi soruluyor. Buraya istediğiniz bir ismi girin. Bundan sonra mektubun yazılacağı ekran karşınıza geliyor. Ne yazmak istiyorsanız buraya yazın... Satır sonlarında Return'a basmayın kendisi otomatik olarak ikinci satıra geçecektir. Şayet 2.-3. satıra gitmek istiyorsanız kursörleri kullanabilirsiniz. Mektup uzunluğuda sınır yok. istediğiniz kadar yazabilirsiniz. Kayıt yapacağınız zaman Return tuşuna basın. Bu arada kullanabileceğiniz tuşlar şunlar.

F1 = Çerçeve Rengi
F3 = Ekran Rengi
F5 = Karakter Rengi

Return'a basmadan evvel disk sürücüyü kontrol edin. Disketi yerleştirin ve return'a basın. Mektubunuz daha önce yazmış olduğunuz isim altında disketinize kayıt edilecektir. Aynı isimde başka bir dosyanız varsa bu silinecektir.

Mektup okuma: Yazmış olduğunuz mektubu görmek istiyorsanız veya bir arkadaşınızdan gelen mektubu görmek istiyorsanız bu seçeneği kullanmanız gerekmektedir. Okuyacağınız mektubun ismini öğrenmeniz için directory'e bakmanız uygundur. Mektup ismini yazdıktan sonra mektubun görüntüsü ekrana gelecektir. Renkleri yine ayarlayabilirsiniz.

Directory: Bu seçenekle de disk sürücüdeki disketin directory'sini görebilirsiniz. Kayıtlı mektup dosyanız kırmızı diğer dosyalar siyah renkli olarak ekrana gelir. Sonuç olarak hangi mektup dosyasını seçeceğiniz veya directory'de ne var ne yok anlamanız için directory seçeneğini kullanmanız gerekmektedir.

Çıkış: Programdan çıkmak için kullanılan seçenektir.

Artık mektup yazmanız bittiyse sıra postaya vermeye geldi. Mektup dosyalarınızı bekliyorum. İyi günler.

```
PROGRAM ADI : LETTER MAKER

00010 REM  ****************************** <022>
00011 REM  *                            * <060>
00012 REM  *  L E T T E R - M A K E R    * <110>
00013 REM  *                            * <062>
00014 REM  *     D E S I G N E R        * <045>
00015 REM  *                            * <064>
00016 REM  *           BY               * <120>
00017 REM  *    D R .  A L İ  H A T A Y  * <058>
00018 REM  *                            * <067>
00019 REM  *     FOR CONTAC ADRESS:     * <171>
00020 REM  *                            * <069>
00021 REM  *  KURTULUS CD. NO:15 BIGA    * <034>
00022 REM  *                            * <071>
00023 REM  *         CANAKKALE          * <022>
00024 REM  *                            * <073>
00025 REM  *     TEL 9-1976-4050        * <216>
00026 REM  *                            * <075>
00027 REM  ****************************** <039>
00028 REM  :                              <043>
00029 REM  :                              <044>
00040 FOR X=0 TO 11:READ Q:POKE 20480+X,Q
      :NEXT                               <229>
00043 B=53280:BA=B+1:X=211:CY=214:XR=781:
      YR=782:SC=1024:CO=54272:CC=646:SR=7
      83                                  <252>
00046 POKE B,0:POKE BA,0:GOSUB 373:GOSUB
```

```
     336                                                    <222>
00049 IF PEEK(65530)<>164 THEN 55                           <069>
00052 B=65305:BA=B-4:X=202:CY=X+3:XR=2035
      :YR=2036:SC=3072:CO=-1024:CC=1339:P
      =1                                                    <179>
00055 GOSUB 450:PRINT "<CLR>"CHR$(8)CHR$(
      14)                                                   <041>
00058 FOR  T=49152 TO 49200:READ D:POKE T
      ,D:CK=CK+D:NEXT                                       <199>
00061 NA=4:FOR T=1 TO NA:READ AY(T),AW(T)
      ,AM$(T):NEXT                                          <022>
00064 PRINT "<CLR>":POKE B,0:POKE BA,0:GO
      SUB 115                                               <251>
00067 PRINT TAB(169)"<2SPACE>MEKTUP<3SPAC
      E>YAZMA<2SPACE>"                                      <183>
00070 PRINT TAB(9)"<2SPACE>YAZILANI<SHIFT
      -SPACE>GORME<2SPACE>"                                 <110>
00073 PRINT TAB(9)"<5SPACE>DIRECTORI<4SPA
      CE>"                                                  <017>
00076 PRINT TAB(9)"<6SPACE>CIKIS<7SPACE>"
                                                            <055>
00079 PRINT TAB(9)                                          <136>
00082 PRINT TAB(9)"<6UP>"                                   <192>
00085 A=1                                                   <002>
00088 J=PEEK(56320):J=127-(J AND 127)                       <149>
00091 W=AW(A):Y=AY(A):GOSUB 112:PRINT "<R
      VSON><CTRL-2>"AM$(A)"<RVSOFF>";                       <001>
00094 W=AW(A):Y=AY(A):GOSUB 112:PRINT "<C
      TRL-2>"AM$(A);                                        <230>
00097 IF J=16 THEN 109                                      <007>
00100 IF J=2 THEN A=A+1+(A>NA-1)*NA                         <125>
00103 IF J=1 THEN A=A-1-(A<NA-2)*NA                         <125>
00106 GOTO 88                                               <212>
00109 ON AGOTO 172,145,236,296:GOTO 88                      <139>
00112 POKE XR,0:POKE XR,Y:POKE YR,W:SYS 6
      5520:RETURN                                           <245>
00115 PRINT "<CLR><2SPACE><CTRL-4><RVSON>
      "                                                     <171>
00118 PRINT "<2SPACE><RVSON><3SPACE><CTRL
      -8><26SPACE><CTRL-4><2SPACE>"                         <217>
00121 FOR I=1 TO 16:PRINT "<2SPACE><RVSON
      ><3SPACE><CTRL-3><26SPACE><CTRL-4><
      2SPACE>":NEXT                                         <215>
00124 PRINT "<2SPACE><RVSON><3SPACE><CTRL
      -8><26SPACE><CTRL-4><2SPACE>"                         <223>
00127 PRINT "<2SPACE><CTRL-4><RVSON>"                       <165>
00130 PRINT "<DOWN> <RVSON><CTRL-8> JOYST
      ICLE<SHIFT-SPACE>BELIRLEYIN<SHIFT-S
      PACE>ATESLE SECIN "                                   <110>
00133 GOSUB 301:PRINT "<HOME><2DOWN>":PRI
      NT TAB(9)"<RVSON><CTRL-2>"                            <194>
00136 PRINT TAB(9)"<RVSON>"                                 <118>
00139 PRINT TAB(9)"<RVSON>"                                 <121>
00142 RETURN                                                <200>
00145 GOSUB 322:POKE 646,M:SYS 49152                        <213>
00148 OPEN 15,8,15:OPEN 2,8,2,"0:@"+F$+",
      S,R":GOSUB 226:GOSUB 313:IF DE THEN
       295                                                  <078>
00151 GET #2,A$:IF ST=0 THEN PRINT A$+CHR
      $(0);:GOTO 151                                        <019>
00154 GET A$:IF A$="" THEN 154                              <094>
00157 IF A$="<F1>" THEN POKE 8,K:K=K+1:GO
      TO 154                                                <095>
00160 IF A$="<F3>" THEN POKE BA,Z:Z=Z+1:G
      OTO 154                                               <214>
00163 IF A$="<F5>" THEN POKE 646,U:U=U+1:
      SYS 49152:GOTO 154                                    <021>
00166 IF A$=CHR$(13) THEN GOTO 295                          <165>
00169 GOTO 154                                              <049>
00172 OPEN 15,8,15:GOSUB 322                                <163>
00175 PRINT#15,"S0:@"+F$:GOSUB 313:OPEN 2
      ,8,2,"0:@"+F$+",S,W"                                  <169>
00178 GOSUB 226                                             <098>
00181 GET A$:GOSUB 205                                      <228>
00184 IF A$="" THEN 181                                     <147>
00187 IF A$="<F1>" THEN POKE 8,K:K=K+1:GO
      TO 181                                                <252>
00190 IF A$="<F3>" THEN POKE BA,Z:Z=Z+1:G
      OTO 181                                               <241>
00193 IF A$="<F5>" THEN POKE 646,U:U=U+1:
      SYS 49152:GOTO 181                                    <046>
00196 IF A$=CHR$(20) OR A$=CHR$(148) THEN
       181                                                  <181>
00199 IF A$=CHR$(13) THEN PRINT#2:GOTO 29
      5                                                     <173>
00202 PRINT A$;:PRINT#2,A$;:GOTO 181                        <251>
00205 WL=PEEK(X)                                            <110>
00208 IF WL>39 THEN WL=WL-40:GOTO 208                       <156>
00211 WL=WL+PEEK(CY)*40+SC                                  <161>
00214 POKE CO+WL,PEEK(CC):WQ=PEEK(WL):WT=
      WQ:WQ=128:IF WQ>127 THEN WQ=-WQ                       <159>
00217 WT=WT+WQ:POKE WL,WT:WQ=-WQ:FOR WR=1
       TO 40                                                <100>
00220 GET A$:IF A$<>"" THEN POKE WL,WQ:WR
      =40:NEXT WR:RETURN                                    <152>
00223 NEXT WR:GOTO 217                                      <041>
00226 A=40:C=23:PRINT "<CLR><CTRL-2><RVSO
      N>";:FOR H=1 TO A-2:PRINT "<RVSOFF>
      ";:NEXT                                               <002>
00229 PRINT "";:FOR V=1 TO C:PRINT SPC(A-
      2);:NEXT                                              <078>
00232 FOR I=1 TO 40:POKE SC+CO+960+I,0:NE
      XT :POKE SC+960,237:FOR I=0 TO 37                     <131>
00235 POKE SC+961+I,192:NEXT :POKE SC+999
      ,253:PRINT "<CLR><CLR>":POKE X,4:RE
      TURN                                                  <043>
00238 PRINT "<CLR><CTRL-1><RVSON><5SPACE>
      BLOK<4SPACE>PROGRAM<6SPACE>DOSYA TI
      P I<4SPACE>"                                          <022>
00241 POKE 8,2:POKE BA,15-(P=1)*34:OPEN 1
      5,8,15:OPEN 2,8,0,"$":GOSUB 313                       <131>
00244 GET #2,A$,B$                                          <221>
00247 GET #2,A$,B$:GET #2,A$,B$                             <094>
00250 A=0:IF A$<>"" THEN A=ASC(A$)                          <079>
00253 IF B$<>"" THEN A=A+ASC(B$)*256                        <148>
00256 PRINT "<6RIGHT><RVSON>"MID$(STR$(A)
      ,2);TAB(12);"<RVSOFF>";                               <113>
00259 GET #2,B$:IF ST<>0 THEN 289                           <004>
00262 IF B$<>CHR$(34) THEN 259                              <159>
00265 GET #2,B$:IF B$<>CHR$(34) THEN PRIN
      T B$;:GOTO 265                                        <001>
00268 GET #2,B$:IF B$=CHR$(32) THEN 268                     <085>
00271 PRINT TAB(28);:A$=""                                  <236>
00274 A$=A$+B$:GET #2,B$:IF B$<>"" THEN 2
      74                                                    <080>
00277 PRINT LEFT$(A$,3)                                     <017>
00280 IF LEFT$(A$,3)="SEQ" THEN PRINT TAB
      (28)"<UP><RVSON><CTRL-3>SEQ<CTRL-1>
      <RVSOFF>"                                             <135>
00283 GET A$:IF A$<>"" THEN 295                             <141>
00286 IF ST=0 THEN 247                                      <216>
00289 PRINT "<2SPACE>BOS BLOK":PRINT TAB(
      133)"<RVSON> BRETURNA BASIN <RVSOFF>
      "                                                     <169>
00292 GET A$:IF A$<>CHR$(13) THEN 292                       <216>
00295 CLOSE 2:CLOSE 15:GOTO 64                              <159>
00298 PRINT "<CLR>":LIST 10-28                              <206>
00301 IF PEEK(65530)=164 THEN +7:POKE ,88
      1,9:RETURN                                            <076>
00310 RETURN                                                <114>
00313 INPUT#15,A$,B$,C$,D$                                  <186>
00316 DE=0:IF VAL(A$)>0 THEN PRINT A$,B$,
      C$,D$:FOR T=1 TO 2000:NEXT :DE=1:PR
      INT "<CLR>"                                           <221>
00319 RETURN                                                <123>
00322 POKE 19,64                                            <234>
00325 INPUT "<HOME><24DOWN><3RIGHT><CTRL-
      3>MEKTUP DOSYA<SHIFT-SPACE>ISMI ";F
      $                                                     <079>
00328 IF LEN(F$)>15 THEN 325                                <103>
00331 IF F$="" THEN CLOSE 15:GOTO 64                        <174>
00334 PRINT "<CLR><CTRL-1>":POKE 8,2:POKE
       BA,14                                                <054>
00335 PRINT "<7RIGHT><CTRL-2>LUTFEN BIRAZ
       BEKLEYIN !<DOWN>":RETURN                             <170>
00336 S=54272:FOR L=S TO S+24:POKE S+6,0:
      NEXT :POKE S+5,9:POKE S+6,0:POKE S+
      24,15                                                 <242>
00337 READ HF,LF,DR:IF HF<0 THEN RETURN                     <132>
00339 POKE S+1,HF:POKE S,LF:POKE S+4,33:F
      OR T=1 TO DR:NEXT                                     <017>
00340 DATA  4,18,46,1,12,9,32,8,1,20,1,25
                                                            <061>
00343 POKE S+4,32:FOR T=1 TO 50:NEXT :GOT
      O 337                                                 <107>
00346 DATA 25,177,250,28,214,250,25,177,2
      50,25,177,250,25,177,125,28,214,125
                                                            <099>
```

Commodore

```
00349 DATA 32,94,750,25,177,250,28,214,25
      0,19,63,250,19,63,250,19,63,250          <092>
00352 DATA 21,154,63,24,63,63,25,177,250,
      24,63,125,19,63,250,-1,-1,-1             <187>
00355 DATA  173,134,2,162,141,142,252,3,1
      62,96,142,255,3,162,216,160,0,142        <081>
00358 DATA  254,3,140,253,3,32,252,3,200,
      192,0,240,6,192,232,240,7,208,236        <090>
00361 DATA  232,224,0,208,231,224,219,240
      ,2,208,225,96                            <246>
00364 DATA 10,9,"<3SPACE>MEKTUP<SHIFT-SPA
      CE>YAZMA<3SPACE>",11,9,"<2SPACE>YAZ
      ILANI<SHIFT-SPACE>GORME<2SPACE>" <234>
00367 DATA 12,9,"<5SPACE>DIREKTORI<4SPACE
      >":DATA 13,9,"<6SPACE>CIKIS<7SPACE>
      "                                        <052>
00370 GOSUB 63999:PRINT TAB(9)"<4DOWN><CT
      RL-8><3SPACE>MEKTUP YAZMA<3SPACE><016>
00373 PRINT "<CLR>"                            <107>
00376 A$="<4SPACE><RVSON> <RVSOFF><5SPACE
      ><RVSON><5SPACE><RVSOFF> <RVSON><7S
      PACE><RVSOFF> <RVSON><5SPACE><RVSOF
      F> <RVSON><5SPACE><RVSOFF>"              <081>
00379 B$="<4SPACE><RVSON> <RVSOFF><5SPACE
      ><RVSON> <RVSOFF><7SPACE><RVSON> <R
      VSOFF> <RVSON> <RVSOFF><3SPACE><RVS
      ON> <RVSOFF><5SPACE><RVSON> <RVSOFF
      ><3SPACE><RVSON> <RVSOFF>"               <107>
00382 C$="<4SPACE><RVSON> <RVSOFF><5SPACE
      ><RVSON><4SPACE><RVSOFF><4SPACE><RV
      SON> <RVSOFF> <RVSON> <RVSOFF><3SPA
      CE><RVSON><4SPACE><RVSOFF><2SPACE><
      RVSON><5SPACE><RVSOFF>"                  <252>
00385 D$="<4SPACE><RVSON> <RVSOFF><5SPACE
      ><RVSON> <RVSOFF><7SPACE><RVSON> <R
      VSOFF> <RVSON> <RVSOFF><3SPACE><RVS
      ON> <RVSOFF><5SPACE><RVSON> <RVSOFF
      ><2SPACE><RVSON> <RVSOFF>"               <121>
00388 E$="<4SPACE><RVSON><5SPACE><RVSOFF>
       <RVSON><5SPACE><RVSOFF><3SPACE><RV
      SON> <RVSOFF> <RVSON> <RVSOFF><3SPA
      CE><RVSON><5SPACE><RVSOFF> <RVSON>%
      <RVSOFF><2SPACE><RVSON> <RVSOFF>"        <128>
00391 F$="<5SPACE><RVSON> <RVSOFF><3SPACE
      ><RVSON> <RVSOFF> <RVSON><5SPACE><R
      VSOFF> <RVSON> <RVSOFF><2SPACE><RVS
      ON> <RVSOFF> <RVSON><5SPACE><RVSOFF
      > <RVSON><5SPACE><RVSOFF>"               <135>
00394 G$="<5SPACE><RVSON><2SPACE><RVSOFF>
       <RVSON><2SPACE><RVSOFF> <RVSON> <R
      VSOFF><3SPACE><RVSON> <RVSOFF> <RVS
      ON> <RVSOFF><2SPACE><RVSON> <RVSOFF
      > <RVSON> <RVSOFF><5SPACE><RVSON> <
      RVSOFF><3SPACE><RVSON> <RVSOFF>"         <206>
00397 H$="<5SPACE><RVSON> <RVSOFF> <RVSON
      > <RVSOFF> <RVSON> <RVSOFF> <RVSON>
       <RVSOFF><3SPACE><RVSON> <RVSOFF> <
      RVSON><3SPACE><RVSOFF><2SPACE><RVSO
      N><4SPACE><RVSOFF><2SPACE><RVSON><5
      SPACE><RVSOFF>"                          <110>
00400 I$="<5SPACE><RVSON> <RVSOFF><3SPACE
      ><RVSON> <RVSOFF> <RVSON><4SPACE><R
      VSON> <RVSOFF> <RVSON> <RVSOFF><2SP
      ACE><RVSON> <RVSOFF> <RVSON> <RVSOF
      F><5SPACE><RVSON> <RVSOFF><2SPACE><
      RVSON> <RVSOFF>"                         <235>
00403 J$="<5SPACE><RVSON> <RVSOFF><3SPACE
      ><RVSON> <RVSOFF> <RVSON> <RVSOFF><
      3SPACE><RVSON> <RVSOFF> <RVSON> <RV
      SOFF><2SPACE><RVSON> <RVSOFF> <RVSO
      N><5SPACE><RVSOFF> <RVSON> <RVSOFF>
      <2SPACE><RVSON> <RVSOFF>"                <227>
00406 FOR I=1 TO 15:POKE 646,I                 <106>
00409 POKE 214,1:SYS 58640:PRINT A$:POKE
      214,2:SYS 58640:PRINT B$                 <080>
00412 POKE 214,3:SYS 58640:PRINT C$:POKE
      214,4:SYS 58640:PRINT D$                 <108>
00415 POKE 214,5:SYS 58640:PRINT E$:POKE
      214,7:SYS 58640:PRINT F$                 <138>
00418 POKE 214,8:SYS 58640:PRINT G$:POKE
      214,9:SYS 58640:PRINT H$                 <039>
00421 POKE 214,10:SYS 58640:PRINT I$:POKE
       214,11:SYS 58640:PRINT J$               <069>
00424 NEXT                                     <180>
00427 FOR K=0 TO 11:POKE 1598+K,PEEK(2046
      0+K):NEXT                                <151>
00430 PRINT TAB(203)"<CTRL-8>KURTULUS CD.
      NO:5 TEL:9-1976-4050"                    <154>
00433 PRINT TAB(53)"BIGA/CANAKKALE":RETUR
      N                                        <195>
00450 PRINT "<CLR>"TAB(51)"<CTRL-3>KULLAN
      MA TALIMATI !!!"                         <245>
00451 PRINT "<DOWN><CTRL-3>***<CTRL-8> ME
      KTUP DOSYASI ACARKEN DISKETTE VAR D
      LA"                                      <162>
00452 PRINT "<UP>OLAN AYNI ISIMDEKI DOSYA
       SILINECEGI ICINDIREKTORI'E BAKIN"       <064>
00453 PRINT "<DOWN><CTRL-3>***<CTRL-8> YA
      ZIYI GIRERKEN SATIR SONLARINDA KURS
      OR ILE 2.SATIRA GECIN"                   <182>
00454 PRINT "<DOWN><CTRL-3>***<CTRL-8> YA
      ZI SONA ERINCE CIKIS ICIN RETURNA B
      ASIN"                                    <243>
00455 PRINT TAB(48)"<CTRL-3> TUSLARIN FON
      KSIYONLARI"                              <105>
00456 PRINT TAB(51)"<CTRL-8><RVSON> F1 <R
      VSOFF> CERCEVE RENGI":PRINT TAB(11)
      "<DOWN><RVSON> F3 <RVSOFF> EKRAN RE
      NGI"                                     <240>
00457 PRINT TAB(11)"<DOWN><RVSON> F5 <RVS
      OFF> KARAKTER RENGI"                     <126>
00460 PRINT "<RVSON><2DOWN><13SPACE>SPACE
       BASIN<15SPACE>"                         <212>
00470 GET A$:IF A$="" THEN 470                 <122>
00475 IF A$=" " THEN RETURN                    <010>
00480 GOTO 470                                 <034>
```

GÖZ HIZ TESTİ

DR.ALİ HATAY

Bu program rakamları, telefon numaralarını, araba plakalarını aklında tutamayanlar için hazırlandı. Aslında gözünüzü test etmiyor, aklınızı daha doğrusu hafızanızı test ediyor. Bir rakamı zihninizde daha fazla tutma alıştırması yaptıran bu programı çalıştırdıktan sonra size bir rakam veriliyor, bu rakam ekranda belli bir süre kaldıktan sonra kayboluyor ve rakamın yazılmasını sizden istiyor. Aklınızda tuttuğunuz rakamı yazınca puanınız ve başarı oranınız belirtiliyor. Ekrandaki size göz kırpan göze bakarak vakit kaybetmeyin. Olay bu kadar basit değil zira rakam gittikçe büyüyor ve rakamın ekranda kalma süresi gittikçe kısalıyor. Yani test gittikçe zorlaşıyor. Test sonucu döküman halinde veriliyor ve klasmandaki yerinizi görmek istiyorsanız sıralamadaki yeriniz gösteriliyor. Böylece Testi uzun müddet kullanma ile gözün görme hızını artırabilirsiniz. Rakamları daha fazla hafızanızda tutma yeteneğini geliştirebilirsiniz.

```
PROGRAM ADI : GOZ HIZ TESTI

00010 REM  ******************************
                                          <064>
00013 REM  *                            *
                                          <062>
00016 REM  *  G O Z   H I Z   T E S T I *
                                          <084>
00022 REM  *                            *
                                          <071>
00025 REM  *            BY              *
                                          <129>
00028 REM  *                            *
                                          <077>
00031 REM  *    D R. A L I  H A T A Y   *
                                          <072>
00034 REM  *                            *
                                          <083>
00037 REM  *     FOR CONTACT ADRESS:     *
                                          <087>
00040 REM  *                            *
                                          <089>
00043 REM  *     KURTULUS CAD.NO:15      *
                                          <043>
00049 REM  *                            *
                                          <098>
00052 REM  *       BIGA/CANAKKALE  *     *
                                          <026>
00055 REM  *                            *
                                          <104>
00058 REM  *       TL:9-1976-4050        *
                                          <087>
00061 REM  *                            *
                                          <110>
00064 REM  ******************************
                                          <118>
00065 REM :                               <080>
00066 REM :                               <081>
00067 V=53248:POKE V+32,12:POKE V+33,12:P
      OKE V+28,3:POKE V+37,6:POKE V+38,7:
      PRINT "<CLR>"                       <003>
00070 GOSUB 386:POKE 53265,PEEK(53265) OR
       64:POKE 19,64                      <136>
00073 INPUT "<CLR><CTRL-8><RVSON><2DOWN><
      8RIGHT> LUTFEN ISMINIZI YAZIN <2DOW
      N><17LEFT><RVSOFF><CTRL-1>";N$:POKE
       19,0                               <182>
00076 PRINT TAB(134)"<RVSON><CTRL-8> MERH
      ABA <RVSOFF><CTRL-1> ";N$:PRINT "<D
      OWN><5RIGHT><CTRL-8><RVSON> ACIKLAM
      A ISTERMISIN ? (E/H)"               <174>
00079 GET R$:IF R$="" THEN 79             <203>
00082 IF R$="E" THEN GOSUB 325            <221>
00083 POKE V+21,3:GOSUB 193               <020>
00103 K=2000:X=INT(RND(1)*1000000)+1:GOSU
      B 202                               <069>
00106 GOSUB 157:GOTO 103                  <017>
00109 PRINT "<HOME><13SPACE><CTRL-6><RVSO
      N> 2.GURUP TEST "                   <193>
00112 K=2000:X=INT(RND(1)*10000000)+1:GOS
      UB 202                              <098>
00115 GOSUB 157:E=E+1:IF E<>4 THEN 112    <225>
00118 PRINT "<HOME><13SPACE><CTRL-2><RVSO
      N> 3.GURUP TEST "                   <023>
```

Commodore

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00121 K=2000:X=INT(RND(1)*100000000):+1:GO
      SUB 202                                  (143)
00124 GOSUB 157:G=G+1:IF G<>4 THEN 121         (095)
00127 POKE V+21,0:PRINT "<CLR>"TAB(173)"<
      CTRL-3>S<2SPACE>O<2SPACE>N<2SPACE>U
      <2SPACE>C<2SPACE>"                       (211)
00130 PRINT TAB(13)"<CTRL-;>-------------
      "                                        (219)
00133 PRINT TAB(91)"SORU ADEDI---- 12":PR
      INT TAB(51)"DOGRU CEVAP---"P/100         (081)
00136 PRINT TAB(51)"YANLIS CEVAP--"12-P/1
      00:PRINT TAB(51)"PUAN----------"P        (088)
00139 PRINT TAB(51)"BASARI ORANI-%":INT(P
      /12)                                     (063)
00142 PRINT "<2DOWN><RVSON><CTRL-8> KLASM
      ANINIZI GORMEK ISTERMISINIZ ?(E/H)"
                                               (034)
00145 GET G$:IF G$="" THEN 145                 (200)
00148 IF G$="E" THEN 214                       (195)
00151 IF G$="H" THEN POKE 21,0:GOTO 250        (166)
00154 GOTO 145                                 (050)
00157 K=K-600:FOR A=0 TO K:NEXT                (031)
00160 POKE 214,6:POKE 211,16:SYS 58640:PR
      INT "<CTRL-2><13SPACE><CTRL-1>"          (189)
00163 POKE 214,4:POKE 211,10:SYS 58640         (007)
00166 PRINT "LUTFEN RAKAMI YAZINIZ"            (012)
00169 POKE 19,64:INPUT "<3DOWN><16RIGHT>"
      ;A                                       (053)
00172 POKE 214,12:POKE 211,12:SYS 58640        (127)
00175 IF A=X THEN GOTO 190                     (045)
00178 IF A<>X THEN PRINT "MALESEF YANLIS
      ":GOSUB 376:POKE 2040,192:POKE 2041
      ,192                                     (175)
00179 FOR K=0 TO 200:NEXT :POKE 2040,193:
      POKE 2041,193:FOR K=0 TO 200:NEXT        (012)
00180 POKE 2040,194:POKE 2041,194              (208)
00181 PRINT "<3DOWN><4RIGHT>PUANINIZ "P"
      BASARI ORANI %"INT(P/12)                 (253)
00184 T=T+1:D=D+1:IF D<>4 THEN RETURN          (025)
00187 GOTO 109                                 (148)
00190 P=P+100:PRINT "TEBRIKLER DOGRU":GOS
      UB 367:GOSUB 503:GOTO 181                (227)
00193 PRINT "<CLR><13SPACE><CTRL-2><RVSON
      > 1.GURUP TEST "                         (105)
00196 PRINT "<HOME>"TAB(253)"<CTRL-8>****
      **********"                             (002)
00199 PRINT TAB(93)"**************<CTRL-1
      >":RETURN                                (133)
00202 PRINT "<HOME><2DOWN>SORU ADETI:"T+1
      1"<2SPACE>SORULAN:"T+1;"<3SPACE>KALA
      N:"11-T                                  (215)
00205 POKE 214,8:POKE 211,16:SYS 58640:PR
      INT "<CTRL-3>DIKKAT<2SPACE><CTRL-1>
      "                                        (046)
00208 FOR F=0 TO 1000:NEXT                     (067)
00211 POKE 214,8:POKE 211,16:SYS 58640:PR
      INT X:RETURN                             (254)
00214 PRINT "<CLR>"                            (202)
00217 D$(1)="DR.ALI HATAY":P(1)=1200           (033)
00220 D$(2)="MUSTAFA PAZARBASI":P(2)=1000
                                               (161)
00223 D$(3)="LEVENT TEKER":P(3)=900            (179)
00226 D$(4)="MESUT ISIK":P(4)=800              (074)
00229 D$(5)="ERSOY AKYIL":P(5)=700             (241)
00232 D$(6)="AHMET DEGIRMENCI":P(6)=600        (217)
00235 IF P=P(10) OR P=0 OR P<0 THEN  265       (006)
00238 FOR H=1 TO 10:IF P(H)>P THEN NEXT        (242)
00241 FOR Q=10 TO H STEP -1:D$(Q)=D$(Q-1)
      :P(Q)=P(Q-1):NEXT :P(H)=P:D$(H)=N$       (156)
00244 PRINT "<CLR>"TAB(211)"<RVSON><C=6>
      EN IYI DERECELER:<2SPACE><DOWN>"         (180)
00247 FOR H=1 TO 10:IF D$(H)<>"" THEN PRI
      NT TAB(9)HTAB(13)D$(H)TAB(30)P(H):N
      EXT                                      (214)
00249 POKE V+21,3                              (142)
00250 PRINT TAB(8)"<DOWN><RVSON><CTRL-8>
      DEVAM ICIN ARALIK CUBUGU "               (058)
00253 PRINT TAB(53)"<RVSON><2SPACE>CIKIS
      ICIN F7<2SPACE>":GOSUB 503               (079)
00256 GET S$:IF S$="" THEN 256                 (128)
00259 IF S$=CHR$(32) THEN D=0:T=0:P=0:GOT
      O 73                                     (054)
00262 IF S$="<F7>" THEN PRINT "<CLR>":POK
      E V+21,0:LIST 10-66                      (100)
00265 PRINT "<CLR>"TAB(245)"MALESEF DEREC
      EYE GIREMEDIN "N$:GOTO 249               (194)
00268 GOTO 250                                 (030)
00325 POKE V+21,0:PRINT "<CLR><3RIGHT>"N$
      :PRINT "<CTRL-2><3SPACE>BU OYUN,GOZ
      UN HIZLI GORME TESTIDIR.<DOWN>"          (187)
00328 PRINT "OYUN OYNAYIP EGLENIRKEN AYNI
       ZAMANDA GO-"                            (249)
00331 PRINT "ZUNUZUN HIZLI GORMESI ICIN A
      LISTIRMA YAP"                            (194)
00334 PRINT "MANIZI SAGLAR.TEST UYGULAMAS
      I SEKLINDE O"                            (209)
00337 PRINT "LAN BU OYUN ILE HIZLI GORMEY
      E ALISACAK-<DOWN>"                       (235)
00340 PRINT "SINIZ,BOYLECE OKUMA HIZINIZ
      ARTACAK VEDE"                            (021)
00343 PRINT "BAZI RAKAMLARI DAHA FAZLA HA
      FIZANIZDA TU"                            (211)
00346 PRINT "TABILECEKSINIZ.<DOWN>"            (119)
00349 PRINT "<2SPACE>SIZE GITTIKCE ARTAN
      HIZDA VE SAYIDA RA"                      (046)
00352 PRINT "KAM SORUP BUNU YAZMANIZI IST
      EYEN TEST SO"                            (196)
00355 PRINT "NUCTA PUANINIZI VE BASARI OR
      ANINIZI BIL-"                            (205)
00358 PRINT "DIRIYOR VE KLASMANINIZI GOST
      ERIYOR."                                 (204)
00361 GET S$:IF S$="" THEN 361                 (198)
00364 IF S$=" " THEN RETURN                    (043)
00367 FOR A=54272 TO 54295:POKE A,0:NEXT
      :POKE 54296,15                           (040)
00370 POKE 54277,8:POKE 54278,255:POKE 54
      276,21:POKE 54278,40:FOR A=1 TO 2        (164)
00373 FOR F1=255 TO 0 STEP -6:POKE 54273,
      F1:NEXT F1:NEXT :RETURN                  (074)
00376 FOR W=54272  TO 54295:POKE W,0:NEXT
       W:POKE 54296,15                         (154)
00379 POKE 54277,8:POKE 54278,255:POKE 54
      276,21                                   (072)
00382 FOR O=1 TO 4:F1=20:FOR J=1 TO 5:F2=
      100:POKE 54273,F1:FOR Z=1 TO 6:F1=F
      1*1.05:F2=F2*1                           (236)
00384 NEXT :NEXT :POKE 54278,15:RETURN         (096)
00386 FOR M=1 TO 25:PRINT "<CTRL-3><RVSON
      ><14SPACE><RVSOFF> DR ALI HATAY <RV
      SON><12SPACE><RVSOFF>";:NEXT             (144)
00387 X=24:FOR K=0 TO 800:NEXT :POKE 198,
      0:WAIT 198,1,1                           (218)
00388 POKE 781,X:POKE 782,Y:POKE 783,0:SY
      S 65520:SYS 59903                        (085)
00389 X=X-1:IF X=0 THEN X=24:GOTO 391          (208)
00390 GOTO 388                                 (209)
00391 PRINT "<CLR><CTRL-3><6SPACE><RVSON>
       <RVSOFF> <RVSON> <RVSOFF><28SPACE>
      <RVSON> <RVSOFF><DOWN>"                  (241)
00394 PRINT "<RVSON><4SPACE><RVSOFF> <RVS
      ON><5SPACE><RVSOFF> <RVSON><4SPACE>
      <RVSOFF> <RVSON><5SPACE><RVSOFF> <R
      VSON><4SPACE><RVSOFF> <RVSON><4SPAC
      E><RVSOFF> <RVSON><5SPACE><RVSOFF>
      <RVSON> <RVSOFF>"                        (203)
00397 PRINT "<RVSON> <RVSOFF><4SPACE><RVS
      ON> <RVSOFF><3SPACE><RVSON> <RVSOFF
      ><3SPACE><RVSON>£ <RVSOFF><3SPACE><
      RVSON> <RVSOFF><3SPACE><RVSON> <RVS
      OFF><4SPACE><RVSON> <RVSOFF><6SPACE
      ><RVSON> <RVSOFF><3SPACE><RVSON> <R
      VSOFF>"                                  (218)
00400 PRINT "<RVSON> <RVSOFF> <RVSON><2SP
      ACE><RVSOFF> <RVSON> <RVSOFF><3SPAC
      E><RVSON> <RVSOFF><2SPACE><RVSON>£ <
      RVSOFF><5SPACE><RVSON> <RVSOFF><3SP
      ACE><RVSON><3SPACE><RVSOFF><2SPACE>
      <RVSON><4SPACE><RVSOFF><3SPACE><RVS
      ON> <RVSOFF><3SPACE><RVSON> <RVSOFF
      >"                                       (221)
00403 PRINT "<RVSON> <RVSOFF><2SPACE><RVS
      ON> <RVSOFF> <RVSON> <RVSOFF><3SPAC
      E><RVSON> <RVSOFF> <RVSON>£ <RVSOFF
      ><5SPACE><RVSON> <RVSOFF><3SPACE><R
      VSON> <RVSOFF><7SPACE><RVSON> <RVSO
      FF><3SPACE><RVSON> <RVSOFF><3SPACE>
      <RVSON> <RVSOFF>"                        (224)
00406 PRINT "<RVSON><4SPACE><RVSOFF> <RVS
```

```
      ON><5SPACE><RVSOFF> <RVSON><4SPACE>
      <RVSOFF><3SPACE><RVSON> <RVSOFF><3S
      PACE><RVSON><4SPACE><RVSOFF> <RVSON
      ><4SPACE><RVSOFF><3SPACE><RVSON> <R
      VSOFF><3SPACE><RVSON> <RVSOFF>"      <215>
00409 PRINT TAB(91)"<CTRL-1>C O P Y R I G
       H T"                                <083>
00412 PRINT TAB(58)"B Y":PRINT TAB(8)"D R
      . A L  <3SPACE>H A T A Y"            <035>
00415 PRINT TAB(45)"K U R T U L U S<2SPAC
      E>C.N O:1 5":PRINT TAB(49)"B I G
      A / C.K A L E"                       <156>
00418 PRINT TAB(45)"T E L: 9 - 1 9 7 6 -
      A O 5 O"                             <041>
00422 POKE V+39,10:POKE V+40,10:POKE V+23
      ,3:POKE V+29,3                       <240>
00423 FOR I=12288 TO 12478:READ Q:POKE I,
      Q:NEXT :POKE V+21,3                  <075>
00429 POKE V )OO:POKE V+1,205:POKE V+2,20
      0:POKE V+3,205:POKE 2040,192:POKE 2
      041,192                              <215>
00500 FOR L=54272 TO 54295:POKE L,0:NEXT
      :POKE 54296,15:POKE 54277,8:POKE 54
      278,255                              <049>
00501 POKE 54278,255:POKE 54276,21         <155>
00502 POKE 54287,40:FOR U=255 TO 0 STEP -
      1:POKE 54273,U:NEXT :POKE 54278,15   <215>
00503 FOR K=0 TO 200:NEXT :POKE 2040,193:
      POKE 2041,193:FOR K=0 TO 200:NEXT    <082>
00504 POKE 2040,194:POKE 2041,194:FOR K=0
      TO 200:NEXT                          <111>
00505 POKE 2040,193:POKE 2041,193:FOR K=0
       TO 200:NEXT :POKE 2040,192:POKE 20
      41,192:RETURN                        <128>
00900 DATA 5,85,80,21,85,84,80,0,5,64,0,1
      ,0,0,0,2,170,128,10,170,160          <177>
00903 DATA 42,170,168,170,170,170,175,215
      ,250,191,85,250,191,85                <042>
00905 DATA 254,189,85,126,189,85,126,191,
      85,250,191,85,250,47                 <067>
00907 DATA 215,248,47,255,232,11,255,224,
      2,255,128,0,170,0,0                  <031>
00920 DATA 5,85,80,21,85,84,80,0,5,64,0,1
      ,0,0,0,2,170,128,10,170,160,42       <153>
00923 DATA 170,168,170,170,170,170,170,17
      0,170,170,170,170,170,170,170,170,1
      70,173                               <096>
00925 DATA 85,122,189,85,126,191,85,254,4
      7,215,248,47,255,248,11,255,224,2,2
      55,128                               <127>
00928 DATA 0,170,0,0,5,85,80,21,85,84,80,
      0,5,64,0,1,0,0,0,0,170,0,2,170,128   <147>
00933 DATA 10,170,160,42,170,168,170,170,
      170,170,170,170,170,170,170,170,170
      ,170                                 <040>
00935 DATA 170,170,170,170,170,170,170,17
      0,170,170,170,170,42,170,168,11,255
                                           <105>
00938 DATA 224,2,255,128,0,170,0           <026>
```

GOL

DR.ALİ HATAY

Oyunumuz Kick off kadar iyi olmasa da oyuncumuzun oyunu Tanjuyu, kalecimizin kurtarışları Engini kıskandıracak kadar güzel. Bir dakika içerisinde 5 gol atan veya 5 kurtarış yapan oyuncu kazanır.

İki kişi ile oynanıyor. Bir kişi kaleci diğer kişi de futbolcu oluyor. 1. joystic futbolcuyu, 2. joystick kaleciyi temsil ediyor. İki Joystick'i olmayanlar üzelmesin çünkü kalesinin hareketlerini F5 ve F7 tuşlarıyla da idare edebilirsiniz.

Programı çalıştırınca önce isminizi ve takımınızın ismini girmeniz isteniyor. Takımlar FB, GS, BJK olmalı. Bu takımlara uygun forma renkleri ile maça çıkıyorsunuz. Ekranın üzerinde gol sayısı ve puanınız belirtiliyor. Oyun sonunda oyununuza layık bir mesaj sizi bekliyor. Oynayın görün.

```
PROGRAM ADI : GOLI
00010 REM  ##################################
                                                <106>
00013 REM  #                                #
                                                <150>
00016 REM  #          P. C. S.              #
                                                <083>
00019 REM  # PULSAR CRACKING SERVICE        #
                                                <011>
00022 REM  #                                #
                                                <159>
00025 REM  #  ******  G O L  ******         #
                                                <242>
00028 REM  #                                #
                                                <165>
00031 REM  #    COPYRIGHT WRITTEN           #
                                                <178>
00034 REM  #                                #
                                                <171>
00037 REM  #           BY                   #
                                                <147>
00040 REM  #  D R. A L I  H A T A Y         #
                                                <149>
00043 REM  #                                #
                                                <180>
00046 REM  #        THANK YOU               #
                                                <096>
00049 REM  #    MUSTAFA PAZARBASI           #
                                                <189>
00052 REM  #                                #
                                                <189>
00055 REM  #     CONTACT ADRESS:            #
                                                <101>
00058 REM  # KURTULUS CD.NO:15 BIGA         #
                                                <008>
00061 REM  #     TLF:9-1976-4050            #
                                                <065>
00064 REM  #                                #
                                                <201>
00067 REM  ##################################
                                                <163>
00070 :                                         <046>
00073 :                                         <049>
00079 V=53248:POKE V+32,0:POKE V+33,0           <224>
00082 PRINT "<CLR><CTRL-6><4DOWN>"              <076>
00085 PRINT "<9SPACE><RVSON><5SPACE><RVSO
      FF><3SPACE><RVSON><5SPACE><RVSOFF><
      3SPACE><RVSON> <RVSOFF>                   <067>
00088 PRINT "<9SPACE><RVSON> <RVSOFF><3SP
      ACE><RVSON> <RVSOFF><3SPACE><RVSON>
       <RVSOFF><3SPACE><RVSON> <RVSOFF><3
      SPACE><RVSON> <RVSOFF>                    <149>
00091 PRINT "<9SPACE><RVSON> <RVSOFF><7SP
      ACE><RVSON> <RVSOFF><3SPACE><RVSON>
       <RVSOFF><3SPACE><RVSON> <RVSOFF>         <037>
00094 PRINT "<9SPACE><RVSON> <RVSOFF><2SP
      ACE><RVSON><2SPACE><RVSOFF><3SPACE>
      <RVSON> <RVSOFF><3SPACE><RVSON> <RV
      SOFF><3SPACE><RVSON> <RVSOFF>             <155>
00097 PRINT "<9SPACE><RVSON> <RVSOFF><3SP
      ACE><RVSON> <RVSOFF><3SPACE><RVSON>
       <RVSOFF><3SPACE><RVSON> <RVSOFF><3
      SPACE><RVSON> <RVSOFF>                    <158>
00100 PRINT "<9SPACE><RVSON><5SPACE><RVSO
      FF><3SPACE><RVSON><5SPACE><RVSOFF><
      3SPACE><RVSON><4SPACE><RVSOFF>":PRI
      NT CHR$(14)                               <100>
00103 PRINT TAB(135)"<CTRL-8><RVSON>©<RVS
      OFF>OPYRIGHT"                             <167>
```

```
00106 PRINT TAB(52)"BY DR ALI HATAY"                    <047>
00109 PRINT TAB(43)"KURTULUS CD.NO:15 BIG
      A/CANAKKALE"                                      <040>
00112 FOR L=0 TO 2500:NEXT :PRINT CHR$(14
      2)                                                <166>
00113 POKE 53265,PEEK(53265) OR 65                      <189>
00115 PRINT "<CLR>"TAB(200)"<RVSON><CTRL-
      6>5 GOL ATAN VEYA 5 KURTARIS YAPAN
      KAZANIR":P=0:R=0                                  <232>
00118 FOR I=12352 TO 12542:READ Q:POKE I,
      Q:NEXT                                            <210>
00121 FOR I=12544 TO 12734:READ Q:POKE I,
      Q:NEXT                                            <217>
00124 FOR I=12736 TO 12798:READ Q:POKE I,
      Q:NEXT                                            <100>
00126 FOR I=0 TO 20:READ Q:POKE 36864+I,Q
      :NEXT                                             <222>
00127 POKE V+23,6:POKE V+29,6:POKE V+28,1
      4:POKE V+38,10:PRINT "<CLR>":POKE V
      +16,0                                             <032>
00130 POKE V+21,6:POKE 2041,193:POKE 2042
      ,196:POKE 2043,199                                <153>
00133 GOSUB 322:TI$="000000"                            <038>
00136 POKE V+2,80:POKE V+3,148:POKE V+4,2
      55:POKE V+5,150:POKE V+6,75:POKE V+
      7,175                                             <211>
00139 POKE 1214,160:POKE 1215,160:POKE 19
      73,160:POKE 1974,160:POKE V+21,14:P
      OKE V+43,8                                        <114>
00140 POKE 1254,160:POKE 1255,160:POKE 20
      13,160:POKE 2014,160                              <000>
00142 PRINT "<4UP><CTRL-8><RVSON> FUTBOLCU
      <RVSOFF>";TAB(27)"<RVSON> KALECI:
      <DOWN><CTRL-6>"                                   <022>
00145 PRINT N$;TAB(29)D$                                <208>
00146 PRINT "<HOME>"TAB(16)"<RVSON><CTRL-
      8> SAAT <RVSOFF><2DOWN><6LEFT><CTRL
      -2>"TI$                                           <091>
00147 IF TI$>"000060" THEN 286                          <007>
00148 J=PEEK(56320):J=127-(J AND 127)                   <209>
00151 K=PEEK(56321):K=127-(K AND 127)                   <012>
00154 GET A$                                            <108>
00157 IF A$="<F5>" THEN :POKE 2042,197:PO
      KE V+5,PEEK(V+5)-5                                <079>
00160 IF A$="<F7>" THEN :POKE 2042,198:PO
      KE V+5,PEEK(V+5)+5                                <218>
00163 IF OP=1 THEN SYS 36864:GOSUB 214:GO
      TO 166                                            <058>
00164 POKE V+6,PEEK(V+2)+25:POKE V+7,PEEK
      (V+3)+27                                          <252>
00166 IF J=4 THEN POKE V+2,PEEK(V+2)-5                  <085>
00172 IF J=8 THEN POKE V+2,PEEK(V+2)+5                  <216>
00176 IF J=1 THEN POKE V+3,PEEK(V+3)+5                  <002>
00181 IF J=2 THEN POKE V+3,PEEK(V+3)-5                  <041>
00183 IF PEEK(V+3)<50 THEN POKE (V+3),PEE
      K(V+3)+5                                          <024>
00184 IF PEEK(V+3)>229 THEN POKE (V+3),PE
      EK(V+3)-5                                         <099>
00185 IF PEEK(V+2)>231 THEN POKE (V+2),PE
      EK(V+2)-5                                         <102>
00186 IF PEEK(V+2)<24 THEN POKE (V+2),PEE
      K(V+2)+5                                          <172>
00187 IF J=16 THEN GOSUB 235                            <082>
00190 IF K=1 THEN POKE V+5,PEEK(V+5)-5:PO
      KE 2042,197                                       <167>
00191 IF PEEK(V+5)<50 THEN POKE (V+5),PEE
      K(V+5)+5                                          <039>
00192 IF PEEK(V+5)>231 THEN POKE (V+5),PE
      EK(V+5)-5                                         <000>
00193 IF K=16 THEN POKE 2042,196                        <028>
00196 IF K=2 THEN POKE V+5,PEEK(V+5)+5:PO
      KE 2042,198                                       <234>
00199 GOTO 146                                          <127>
00202 C=54296:W=54276:A=54277:H=54273:L=5
      4272                                              <077>
00205 FOR X=40 TO 0 STEP -3:POKE C,X:POKE
       W,129:POKE A,15:POKE H,40:POKE L,2
      00:NEXT                                           <184>
00208 POKE W,0:POKE A,0                                 <096>
00211 POKE 2041,193:OP=1:RETURN                         <134>
00214 IF PEEK(V+16)=8 AND PEEK(V+30)<>12
      THEN 232                                          <153>
00217 IF PEEK(V+30)=12 THEN OP=0:FOR K=PE
      EK(V+6) TO PEEK(V+2)+35 STEP -1:POK
      E V+6,K:NEXT                                      <061>
00223 IF PEEK(V+30)=12 THEN R=R+1:PRINT T
      AB(36)"<4UP><CTRL-2>"R;H=R*100:PRIN
      T "<DOWN><CTRL-2>"TAB(36)H                        <219>
00224 IF PEEK(V+30)=12 THEN OP=0:FOR K=PE
      EK(V+6) TO PEEK(V+2)+35 STEP -1:POK
      E V+6,K:NEXT                                      <068>
00226 IF R=5 THEN 286                                   <025>
00229 RETURN                                            <031>
00232 FOR K=PEEK(V+6) TO 54:POKE V+6,K:NE
      XT :OP=0:GOTO 241                                 <146>
00235 POKE 2041,194:FOR K=0 TO 200:NEXT :
      POKE 2041,195:GOSUB 202                           <095>
00238 RETURN                                            <040>
00241 S=54272:FOR L=0 TO 20:POKE S+L,0:NE
      XT :POKE S+1,33                                   <174>
00244 POKE S+5,8:POKE S+22,104:POKE S+23,
      1:POKE S+24,79                                    <069>
00247 FOR N=1 TO 5:POKE S+4,129                         <244>
00250 FOR T=1 TO 150:NEXT :POKE S+4,128                 <103>
00253 NEXT :POKE S+24,0                                 <202>
00256 FQ$="GOOOOLLLLLL !!!!!<10SPACE>"                  <146>
00259 FOR I=1 TO LEN(FQ$):L=INT(RND(0)*15
      )+1                                               <232>
00262 F$=MID$(FQ$,1,I)                                  <250>
00265 POKE 214,10:POKE 211,29-I:SYS 58640
      :PRINT F$                                         <148>
00268 IF L<>1 THEN POKE 646,L-1                         <127>
00271 NEXT :PRINT "<CLR><HOME>"                         <088>
00274 POKE V+21,6:POKE V+16,0:P=P+1                     <195>
00277 PRINT "<CTRL-8><UP><CTRL-2><10RIGHT
      >"P;TAB(36)R:G=P*100:H=R*100                      <206>
00280 PRINT TAB(50)G;TAB(36)H                           <125>
00283 IF P<5 AND R<5 THEN 136                           <255>
00286 POKE V+21,0:PRINT "<CLR><CTRL-2>"TA
      B(15)"OYUN BITTI !"                               <193>
00289 PRINT TAB(131)"<CTRL-8><RVSON>*** P
      UAN DURUMU ***<CTRL-2>"                           <112>
00292 PRINT TAB(54)N$" = "G                             <212>
00295 PRINT TAB(54)D$" = "H                             <226>
00298 IF G>H THEN 301                                   <204>
00299 IF G<H THEN 307                                   <249>
00300 IF G=H THEN 309                                   <236>
00301 PRINT TAB(132)N$" KAZANDI!"                       <247>
00302 PRINT TAB(46)"EN BUYUK "J$" BASKA B
      UYUK YOK !":GOTO 310                              <057>
00307 PRINT TAB(132)D$" KAZANDI!"                       <243>
00308 PRINT TAB(46)"EN BUYUK "H$" BASKA B
      UYUK YOK !":GOTO 310                              <061>
00309 PRINT TAB(51)" OYUN BERABERE"                     <183>
00310 PRINT TAB(165)"<RVSON><CTRL-8>* TEK
      RAR OYNAYALIM MI (E/H)? *"                        <099>
00313 GET W$:IF W$="" THEN 313                          <120>
00316 IF W$="E" THEN PRINT "<CLR>":G=0:H=
      0:P=0:R=0:GOTO 130                                <007>
00319 LIST 10-70                                        <149>
00322 POKE V+2,20:POKE V+3,70:POKE V+4,20
      :POKE V+5,160                                     <023>
00325 PRINT TAB(47)"<RVSON>* LUTFEN ISIML
      ERINIZI GIRIN *"                                  <200>
00328 POKE 19,64:INPUT "<5DOWN><RVSON>* F
      UTBOLCU: *<RVSOFF> ";N$:PRINT                     <121>
00331 INPUT "<DOWN><RVSON>* TAKIM: *<RVSO
      FF> ";J$:PRINT :POKE 19,0                         <092>
00334 IF J$="GS" THEN POKE V+37,2:POKE V+
      40,8                                              <084>
00337 IF J$="FB" THEN POKE V+37,7:POKE V+
      40,6                                              <204>
00340 IF J$="BJK" THEN POKE V+37,1:POKE V
      +40,12                                            <074>
00343 POKE 19,64:INPUT "<8DOWN><RVSON>* K
      ALECI: *<RVSOFF> ";D$:PRINT                       <245>
00346 INPUT "<DOWN><RVSON>* TAKIM: *<RVSO
      FF> ";H$:POKE 19,0                                <236>
00349 IF H$="GS" THEN POKE V+37,2:POKE V+
      41,8                                              <211>
00352 IF H$="FB" THEN POKE V+37,7:POKE V+
      41,6                                              <075>
00355 IF H$="BJK" THEN POKE V+37,1:POKE V
      +41,12                                            <074>
00358 FOR K=0 TO 2000:NEXT :PRINT "<CLR>"
      :RETURN                                           <117>
00361 DATA  0,168,0,0,174,0,0                           <212>
00364 DATA  168,0,0,40,0,0,32                           <254>
```

Commodore

```
00367 DATA  0,2,102,0,6,102,64                    <211>
00370 DATA  38,102,96,38,102,96,34                <221>
00373 DATA  102,32,50,102,48,49,85                <130>
00376 DATA  48,50,170,48,50,170,48                <145>
00379 DATA  2,170,0,2,138,0,0                     <067>
00382 DATA  195,0,0,195,0,0,195                   <146>
00385 DATA  0,0,195,0,0,162,128,0                 <220>
00388 DATA  0,10,128,0,10,192,0                   <172>
00391 DATA  10,160,0,10,128,0,2                   <079>
00394 DATA  0,1,153,128,193,153,144               <023>
00397 DATA  205,153,156,253,153,156,60            <192>
00400 DATA  153,15,0,152,15,0,84                  <048>
00403 DATA  3,178,170,3,178,170,3                 <192>
00406 DATA  50,170,0,62,170,0,63                  <207>
00409 DATA  12,0,12,12,0,0,12                     <113>
00412 DATA  0,0,12,0,0,10,0,0                     <236>
00415 DATA  10,128,0,10,192,0,10                  <084>
00418 DATA  160,0,10,128,0,2,0                    <157>
00421 DATA  0,6,64,0,38,96,12                     <085>
00424 DATA  102,100,60,102,103,240,70             <028>
00427 DATA  103,192,198,96,0,198,96               <025>
00430 DATA  0,197,80,0,202,160,0                  <140>
00433 DATA  202,168,0,10,168,0,10                 <233>
00436 DATA  143,0,3,3,192,3,0                     <006>
00439 DATA  240,3,0,40,2,128,0                    <037>
00442 DATA  0,0,0,0,0,0,0                         <222>
00445 DATA  168,0,0,168,0,2,232                   <127>
00448 DATA  0,0,160,0,0,133,0                     <184>
00451 DATA  0,21,64,192,21,80,192                 <203>
00454 DATA  85,64,241,85,64,61,69                 <110>
00457 DATA  84,13,21,0,192,218,160                <230>
00460 DATA  243,234,160,63,170,128,12             <119>
00463 DATA  162,128,0,51,0,0,51                   <115>
00466 DATA  0,0,51,0,0,170,0,0                    <149>
00469 DATA  0,168,0,192,232,0,242                 <175>
00472 DATA  168,0,60,160,0,12,32                  <067>
00475 DATA  0,1,20,0,193,84,0                     <014>
00478 DATA  240,85,0,81,85,0,13                   <118>
00481 DATA  85,84,0,85,64,0,21                    <141>
00484 DATA  32,0,20,168,0,18,168                  <101>
00487 DATA  0,10,168,0,10,168,0                   <059>
00490 DATA  2,143,0,2,243,0,0                     <061>
00493 DATA  240,0,0,60,0,0,15,0                   <076>
00496 DATA  0,0,3,0,42,3,0                        <132>
00499 DATA  58,15,0,170,60,0,40                   <240>
00502 DATA  48,0,33,115,0,5,79                    <017>
00505 DATA  0,21,60,0,21,112,0                    <228>
00508 DATA  85,64,1,85,0,0,84                     <078>
00511 DATA  0,2,20,0,10,132,0                     <233>
00514 DATA  10,160,0,60,160,0,60                  <156>
00517 DATA 160,0,240,192,0,195,192                <154>
00520 DATA  0,15,0,0,0,0,0,0                      <129>
00523 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,21,0,1
      ,90,64,6,90,80                              <193>
00526 DATA  5,85,80,10,101,164,38,101,164
      ,22,101,164,21,85,84,41,85,164,21,1
      65,164                                      <073>
00529 DATA  37,165,84,5,166,144,9,86,144,
      2,86,128,0,149,0,0,0,0,0,0,0,0              <114>
00540 DATA 162,15,238,6,208,208,10,169,8,
      141,16,208,169,0,141,6,208,202,208,
      238,95                                      <164>
```

GÜNLÜK

DR.ALİ HATAY

Hiç günlük tuttuğunuz oldu mu bilmem ama böyle bir programdan sonra tutacağınızdan eminim. Programı yazıp çalıştırınca önce programı kendinizden başkasının kullanmasını önlemek için kod soruluyor. Kodu bilemezseniz sistem kendisini resetliyor. Kod olarak ben 37 rakamını verdim. Siz kendi kodunuzla çalıştırmak istiyorsanız 136'ncı satırdaki 37 rakamını istediğiniz bir rakamla değiştirebilirsiniz. Ana menüde 3 seçenek var. F1 ile günlüğünüzü yazabilirsiniz. Önce hangi tarihli günlüğü yazacağınız soruluyor. Tarihi tam olarak girin. Örnek 12.08.1990 gibi. Bu şekilde yazmazsanız hem kabul edilmiyor hem de aynı tarihli günlüğünüze bir daha ulaşamazsanız. Yazılarınızı yanlış yazmışsanız İns/del tuşu ile silebilirsiniz. Satır sonlarında return'a basmayın kendi otomatik olarak geçecektir. Yazım işi bittikten sonra return'a basın ve disketinize kayıt yapılsın. F3 tuşu ile yazdığınız günlüğü okuyabilirsiniz. Yine tarihi doğru bir şekilde girin. Karşınıza o tarihle ilgili notunuz gelecektir.

F5 tuşuyla da programdan çıkabilirsiniz.

```
PROGRAM ADI : GUNLUK

00010 REM  ******************************
      *                                  <148>
00012 REM  *
      *                                  <061>
00014 REM  *          P. C .S
      *                                  <245>
00016 REM  *   GUNLUK TUTMA PROGRAMI
      *                                  <133>
00018 REM  *   CODED ON 29.1.1990 BY
      *                                  <185>
00020 REM  *
      *                                  <069>
00022 REM  *       DR.ALI HATAY
      *                                  <063>
00024 REM  *
      *                                  <073>
00026 REM  * (C)PULSAR CRACING SERVICE
      *                                  <035>
00028 REM  *   BILGI ALISVERISI ICIN
      *                                  <208>
00030 REM  *KURTULUS CD.NO15.BIGA/C.KALE
      *                                  <145>
00032 REM  *      TLF:9-1976-4050
      *                                  <181>
00034 REM  *
      *                                  <083>
00036 REM  ******************************
      *                                  <174>
00037 REM                                <099>
00038 REM                                <100>
00039 GOSUB 166:POKE 53265,PEEK(53265)+64
      :GOSUB 156                         <233>
00040 INPUT "<CLR><7DOWN><CTRL-8><RVSON>
      LUTFEN KODUNUZU GIRINIZ <RVSOFF>";X
      $:GOSUB 136                        <159>
00042 DIM N$(5000),I$(3,500):PRINT "<CLR>
      ":GOSUB 144                        <170>
00044 PRINT TAB(12)"<7DOWN><RVSON><CTRL-8
      > F1 GUNLUK YAZMA<2SPACE>"         <061>
00046 PRINT TAB(12)"<DOWN><RVSON><CTRL-8>
       F3 GUNLUK OKUMA<2SPACE>"          <237>
00048 PRINT TAB(12)"<DOWN><RVSON><CTRL-8>
       F5 CIKIS<9SPACE>"                 <113>
00050 GET D$:IF D$="" THEN 50            <181>
00052 IF D$=CHR$(133) THEN 60            <025>
00054 IF D$=CHR$(134) THEN 100           <151>
00056 IF D$=CHR$(135) THEN 58            <007>
00058 SYS 64738                          <118>
00060 PRINT "<CLR>"TAB(120)              <230>
00061 PRINT "<RVSON><3SPACE>NOTUNU GIRECE
      GINIZ TARIHI YAZINIZ<3SPACE>":GOSUB
       152:GOSUB 140:GOSUB 142           <038>
00062 POKE 19,64:PRINT "<CTRL-2>"TAB(13):
      INPUT "<DOWN>";TR$                 <039>
00064 IF TR$="" OR LEN(TR$)<>10 THEN PRIN
      T "<2UP>":GOTO 62                  <127>
```

```
00066 GN=VAL(LEFT$(TR$,2)):AY=VAL(MID$(TR <069>
      $,4,2)):YL=VAL(RIGHT$(TR$,2))
00068 IF GN<1 OR GN>31 OR AY<1 OR AY>12 O
      R YL<1 THEN PRINT "<2RIGHT>":GOTO 6
      0                                   <234>
00070 PRINT "<CLR>"TAB(5)"<2DOWN><RVSON><
      CTRL-8> "TR$" TARIHLI NOTUNUZU "    <124>
00072 PRINT TAB(12)"<RVSON><CTRL-8> YAZAB
      ILIRSINIZ "                         <253>
00074 PRINT "<DOWN>*INS=SON HARFI SILME"  <200>
00076 PRINT "<DOWN>*RETURN=KAYID ETME":GO
      SUB 150                             <045>
00078 PRINT "<CTRL-2><UP>"                <207>
00080 U=U+1                               <048>
00082 GET N$(U):IF N$(U)="" THEN 82       <220>
00084 IF N$(U)=CHR$(13) THEN 90           <155>
00086 IF N$(U)=CHR$(20) THEN PRINT "<LEFT
      > ";                                <052>
00088 PRINT N$(U);:GOTO 80                <249>
00090 TR$="O:"+TR$+",S,W"                 <001>
00092 OPEN 5,8,8,TR$                      <177>
00094 PRINT#5,U                           <213>
00096 FOR I=1 TO U:PRINT#5,N$(I);         <041>
00098 NEXT I:CLOSE 5:CLR:GOTO 42          <209>
00100 PRINT "<CLR><5RIGHT><3DOWN><CTRL-8>
      <RVSON> NOTU OKUNACAK TARIHI YAZIN
      ";GOSUB 152:GOSUB 140:GOSUB 142     <203>
00102 POKE 19,64:PRINT "<CTRL-2>"TAB(13):
      INPUT "<DOWN>";TR$                  <079>
00104 IF TR$="" OR LEN(TR$)<>10 THEN PRIN
      T  "<2UP>":GOTO 102                 <163>
00106 GN=VAL(LEFT$(TR$,2)):AY=VAL(MID$(TR
      $,4,2)):YL=VAL(RIGHT$(TR$,2))       <109>
00108 IF GN<1 OR GN>31 OR AY<1 OR AY>12 O
      R YL<1 THEN PRINT "<2UP>":GOTO 102  <232>
00110 RR$="O:"+TR$+",S,R"                 <229>
00112 OPEN 5,8,8,RR$                      <193>
00114 INPUT#5,U                           <153>
00116 FOR I=1 TO U:GET # 5,N$(I):NEXT I   <109>
00118 CLOSE 5                             <161>
00120 PRINT "<CLR>"TAB(4)"<DOWN><RVSON><C
      TRL-8> " TR$" TARIHINE AIT NOTUNUZ:
      <DOWN>":GOSUB 150                   <217>
00122 FOR I=1 TO U:PRINT "<CTRL-2>"N$(I);
                                          <154>
00124 IF I<>840 AND I<>1680 AND I<>2520 A
      ND I<>3360 AND I<>4200 THEN NEXT I:
      GOTO 132                            <237>
00126 PRINT "<CTRL-5>DIGER SAYFAYA GECMEK
       ICIN RETURN"                       <062>
00128 GET HH$:IF HH$="" OR HH$<>CHR$(13)
      THEN 128                            <247>
00130 PRINT "<CLR>":NEXT I                <142>
00132 GET Q$:IF Q$="" THEN 132            <078>
00134 CLR:GOTO 42                         <115>
00136 IF X$="37" THEN RETURN              <190>
00138 SYS 64738                           <198>
00140 PRINT TAB(11)"<8UP><CTRL-8>********
      *********":RETURN                   <205>
00142 PRINT TAB(11)"<4UP><CTRL-8>********
      *********":RETURN                   <134>
00144 PRINT TAB(11)"<4DOWN><CTRL-8>******
      **********"                        <219>
00146 FOR V=0 TO 8:PRINT TAB(11)"*<18SPAC
      E>*":NEXT                           <131>
00148 PRINT TAB(11)"********************<
      HOME>":RETURN                       <102>
00150 PRINT "<DOWN>**********************
      ******************":RETURN         <040>
00152 PRINT "<12DOWN><RVSON><CTRL-8> LUTF
      EN TARIHI GUN-AY-YIL SEKLINDE YAZIN
      "                                   <106>
00154 PRINT TAB(10)"<RVSON><DOWN> ORNEK:<
      CTRL-8>13-01-1990 ":RETURN          <064>
00156 PRINT TAB(7)"<6DOWN><CTRL-8><RVSON>
      ** GUNLUK TUTMA PROGRAMI<2SPACE>**"
      :GOSUB 164                          <116>
00158 PRINT TAB(14)"<2DOWN><RVSON> COPRGI
      HT BY ":GOSUB 164                   <181>
00160 PRINT TAB(14)"<RVSON><2DOWN> DR.ALI
       HATAY ":GOSUB 164                  <221>
00162 PRINT "<2DOWN><RVSON> KURTULUS CD.N
      O:15.BIGA/C.KALE-TLF=4050 ":FOR X=0
       TO 1000:NEXT :RETURN               <018>
00164 FOR Y=0 TO 800:NEXT :RETURN         <234>
00166 PRINT "<CLR>":V=53248:POKE V+32,0:P
      OKE V+33,0:POKE V+21,3:POKE V+23,3:
      POKE V+29,3                         <055>
00168 FOR I=12288 TO 12350:READ Q:POKE I,
      Q:NEXT                              <146>
00170 POKE V+1,100:POKE V+40,1:POKE V+3,1
      00:POKE 2040,192:POKE 2041,192      <021>
00172 FOR D=50 TO 150:POKE V,D:NEXT :FOR
      E=255 TO 150 STEP -1:POKE V+2,E:NEX
      T                                   <246>
00174 FOR A=0 TO 2:FOR B=1 TO 15:POKE V+3
      9,B:FOR C=1 TO 50:NEXT :NEXT :NEXT
      :POKE V+21,0:RETURN                 <065>
00176 DATA  0,238,0,0,170,0,0,174,0,0,172
      ,0,0,234,128,0,0,0,2,0,0            <053>
00178 DATA  0,0,0,234,175,253,170,170,173
      ,234,238,191,168,170,170,174,170,17
      0                                   <111>
00180 DATA  0,0,0,0,0,0,0,0,0,229,52,231,
      133,52,165,229,44,231,37,44,166     <212>
00182 DATA  231,36,165                    <158>
```

TAHMİNİN NE?

DR.ALİ HATAY

Daha önce de bir iki defa yayınlanıp artık klasikler arasına girmiş olan bu tahmin oyununu bir de bu şekilde deneyin. Memnun kalacağınıza eminim. Özellikle ses ve görüntü efektleriyle yazmaya değer bir program. Sonunda ise sizi bir sürpriz bekliyor.

```
PROGRAM ADI : TAHMININ NE?

00010 REM  ******************************
      **                                  <060>
00012 REM  *
      *                                   <061>
00014 REM  *        DR ALI HATAY
      *                                   <234>
00016 REM  *  PULSAR CRACKING SERVICE
      *                                   <078>
00018 REM  *
      *                                   <067>
00020 REM  *  TAHMININ NE OYUNUNU SUNAR
      *                                   <207>
00022 REM  *
      *                                   <071>
00024 REM  *        DR.ALI HATAY
      *                                   <065>
00026 REM  * KURTULUS CD.NO15 BIGA C.KALE
      *                                   <215>
00028 REM  *       TLF:9.1976.4050
      *                                   <210>
00030 REM  *
      *                                   <079>
00032 REM  ******************************
      **                                  <019>
00034 ::                                  <219>
00035 ::                                  <220>
00041 GOSUB 154:PRINT "<CLR>":Q$="DR ALI
      HATAY TAHMIN†N NE OYUNUNU SUNAR ":S
      =54272                              <113>
00042 FOR I=1 TO 39:F$=MID$(Q$,1,I)       <004>
00043 POKE 214,10:POKE 211,40-I:SYS 58640
      :PRINT F$:POKE 646,L:L=L+1          <184>
00044 FOR K=0 TO 55:NEXT :NEXT            <044>
00045 A$="KURTULUS CD.NO:15 BIGA/CANAKKAL
      E TEL4050"                          <131>
00046 FOR X=0 TO 40:G$=RIGHT$(A$,X)       <128>
00047 POKE 214,12:POKE 211,40:SYS 58640   <130>
00048 PRINT G$:POKE 646,L:L=L+1:FOR K=0 T
      O 65:NEXT :NEXT :POKE 53265,PEEK(53
      265) OR 64                          <016>
00049 POKE 214,21:SYS 58640:PRINT "<RVSON
      >BILGISAYARIN TUTMUS OLDUGU SAYIYI
      BULUN":GOSUB 152                    <066>
00058 GOSUB 128                           <035>
00060 INPUT "<CLR><6DOWN><CTRL-8><RVSON>
      TUTULAN SAYININ UST SINIRINI VERIN<
      RVSOFF>";X:A=INT(X*RND(1))+1:D=0    <065>
00066 GOSUB 128                           <043>
00068 PRINT TAB(51)"<RVSON> SAYIYI TUTTUM
       ":GOSUB 128                        <054>
00070 PRINT TAB(80):INPUT "<RVSON> TAHMIN
      INIZ NEDIR <RVSOFF>";Y:D=D+1        <007>
00074 IF Y>A THEN PRINT "<RVSON><DOWN><6R
      IGHT> TUTUGUM SAYI KUCUK <5UP>":GOS
      UB 142:GOTO 70                      <126>
00076 IF Y<A THEN PRINT "<RVSON><DOWN><6R
      IGHT> TUTTUGUM SAYI BUYUK <5UP>":GO
      SUB 142:GOTO 70                     <170>
00078 IF Y=A THEN  GOSUB 120              <157>
00080 PRINT "<CLR>"TAB(244)"<RVSON> HARIK
      A TUTUGUM SAYIYI BULDUNUZ ":GOSUB 1
      52                                  <097>
00082 PRINT TAB(40)"<RVSON> TEBRIKLER SAD
      ECE "D" DENEMEDE BULDUNUZ"          <165>
00084 PRINT TAB(246)"<RVSON> TEKRAR OYNAY
      ALIM MI ?(E/H) "                    <028>
00086 GET B$:IF B$="" THEN 86             <170>
00088 IF B$="E" THEN 60                   <036>
00090 PRINT "<CLR>":POKE 53280,5:POKE 532
      81,5:Z=0                            <162>
00094 POKE 53265,PEEK(53265) AND 247      <003>
00098 FOR X=1 TO 24:PRINT CHR$(17);:NEXT
                                          <203>
00100 POKE 53265,(PEEK(53265) AND 248)+7:
      PRINT                               <003>
00102 PRINT TAB(49)"<RVSON> D R<2SPACE>A
      L I<2SPACE>H A T A Y ":             <057>
00104 FOR P=6  TO 0 STEP -1               <230>
```

```
00106 POKE 53265,(PEEK(53265) AND 248)+P  <072>
00108 FOR X=1 TO 50:NEXT :NEXT            <239>
00110 Z=Z+1:IF Z<6 THEN 100               <081>
00112 GOSUB 152:PRINT "<CLR>"TAB(253)"<RV
      SON><2SPACE>S<5SPACE>O<5SPACE>N<2SP
      ACE>":GOSUB 152:PRINT "<CLR><CTRL-1
      >":LIST 10-35                       <10R>
00120 FOR L=S TO 54295:POKE L,0:NEXT :POK
      E 54296,15                          <016>
00122 POKE 54277,8:POKE 54278,255:POKE 54
      276,2:                              <069>
00124 POKE 54287,40:FOR Z=1 TO 4:FOR F1=2
      55 TO 0 STEP -6:POKE 54273,F1:NEXT
      F1:NEXT Z                           <172>
00126 FOR F1=0 TO 255 STEP 20:POKE 54273,
      F1:NEXT F1:POKE 54278,15:RETURN     <007>
00128 FOR  I=S  TO  S+24:POKE  I,0 : NEXT
                                          <234>
00132 POKE  S+24,15:POKE S+5,9:POKE S+6,0
      :POKE S+2,0:POKE S+3,9              <056>
00134 LO=62 :HI=42:DU=250:GOSUB  138      <017>
00136 LO=135:HI=33:DU=999:GOSUB  138:RETU
      RN                                  <242>
00138 POKE  S,LO:POKE S+1,HI:POKE S+4,65:
      FOR I=1 TO DU:NEXT :POKE S+4,0:RETU
      RN                                  <035>
00140 POKE  S,LO:POKE S+1,HI:POKE S+4,65:
      FOR I=1 TO DU:NEXT :POKE S+4,0:RETU
      RN                                  <037>
00142 POKE S+4,15                         <142>
00144 POKE S,17:POKE S+1,17:POKE S+5,15:P
      OKE S+6,215:POKE S+4,129            <117>
00146 FOR F=0 TO 16:FOR G=1 TO 20:NEXT :P
      OKE 53280,F:POKE S,F*10:POKE S+1,F  <249>
00148 NEXT :POKE S+4,128                  <045>
00150 RETURN                              <208>
00152 FOR N=0 TO 1200:NEXT :RETURN        <055>
00154 PRINT "<CLR>":POKE 53280,0:POKE 532
      81,0                                <230>
00156 PRINT "<CTRL-6><16SPACE>SSS<2SPACE>
      SSS                                 <020>
00158 PRINT " <SHIFT-SPACE><2SPACE><12SHI
      FT-SPACE>S <SHIFT-SPACE>S<SHIFT-SPA
      CE>S <SHIFT-SPACE>S<SHIFT-SPACE>    <069>
00160 PRINT " <2SHIFT-SPACE> <5SHIFT-SPAC
      E><2SPACE><5SHIFT-SPACE>S<2SPACE>S<
      SHIFT-SPACE>S<2SPACE>S              <130>
00162 PRINT "<16SPACE>S<2SPACE>S SSS      <126>
00164 PRINT "<16SPACE>S<2SPACE>S S<SHIFT-
      SPACE>S<2SPACE>"                    <045>
00166 PRINT "<16SPACE>SSS <SHIFT-SPACE>S<
      2SHIFT-SPACE>S S"                   <205>
00168 PRINT "<10SPACE>S<DOWN>"            <006>
00170 PRINT "<2SPACE>SS <SHIFT-SPACE>S<3S
      HIFT-SPACE>S<SHIFT-SPACE><3SPACE>S<
      2SHIFT-SPACE>S<SHIFT-SPACE><2SPACE>
      SS <SHIFT-SPACE>SSS<2SPACE>SS<2SPAC
      E>S<2SPACE>S"                       <209>
00172 PRINT " S<SHIFT-SPACE> S S<3SHIFT-S
      PACE>S<2SPACE><2SHIFT-SPACE>S<2SPAC
      E>S<2SPACE>S<2SPACE>S<2SPACE>S<2SHI
      FT-SPACE>S<2SPACE>S<SHIFT-SPACE>S<2
      SHIFT-SPACE>S"                      <057>
00174 PRINT "<SHIFT-SPACE>SSSSS<SHIFT-SPAC
      E>S<3SHIFT-SPACE>S<SHIFT-SPACE><2SP
      ACE><SHIFT-SPACE>SSSSS<2SHIFT-SPACE>
      SSSSS<2SHIFT-SPACE>S<2SHIFT-SPACE>SS
      SS<SHIFT-SPACE> SS "                <160>
00176 PRINT " S<2SHIFT-SPACE>S<SHIFT-SPAC
      E>S<3SHIFT-SPACE>S <SHIFT-SPACE> <S
      HIFT-SPACE>S<2SHIFT-SPACE>S<2SHIFT-
      SPACE>S<2SHIFT-SPACE>S<2SHIFT-SPACE
      >S<2SHIFT-SPACE>S<2SHIFT-SPACE>S<2S
      HIFT-SPACE>S"                       <090>
00178 PRINT " S<2SHIFT-SPACE>S<SHIFT-SPAC
      E>SSSS<SHIFT-SPACE>S<SHIFT-SPACE><2S
      PACE><SHIFT-SPACE>S<2SHIFT-SPACE>S<
      2SHIFT-SPACE>S<2SHIFT-SPACE>S<2SHIF
      T-SPACE>S<2SHIFT-SPACE>S<2SHIFT-SPA
      CE>S <SHIFT-SPACE>S":GOSUB 152:RETU
      RN                                  <167>
```

DUELLO

DR. ALİ HATAY

Red KİD ile Blue Jones arasında amansız bir duello oyunumuzun konusu. Kırmızı oyuncu Red KİD'i temsil ediyor ve joystic 1. kullanıyor. Mavi oyuncu Blue Jones'i temsil edip 2. joystick tarafından idare ediliyor. Duello sonucunda vurulan düşüp ölüyor. Hızlı ve akıllı oynayan kazanır. İyi duellolar.

```
PROGRAM ADI : DUELLO

00010 REM  ******************************
      **                                    <060>
00011 REM  *
      *                                     <060>
00012 REM  *         DR.ALI HATAY
      *                                     <053>
00013 REM  *
      *                                     <062>
00014 REM  * KURTULUS CD.NO:15 BIGA/C.KAL
      E*                                    <187>
00015 REM  *
      *                                     <064>
00016 REM  *   BILGI ALISVERISI ICIN
      *                                     <196>
00017 REM  *
      *                                     <066>
00018 REM  *      TLF:9-1976-4050
      *                                     <134>
00019 REM  *
      *                                     <066>
00020 REM  ******************************
      **                                    <070>
00021 ::                                    <206>
00022 ::                                    <207>
00030 V=53248:POKE V+32,0:POKE V+33,0:GOS
      UB 226:POKE V+21,8                    <241>
00032 PRINT "<CLR>"TAB(247)"<RVSON> LUTFE
      N BIRAZ BEKLEYIN !"                   <075>
00034 FOR S=12288 TO 12606:READ Q:POKE S,
      Q:NEXT                                <191>
00036 RESTORE:FOR S=12608 TO 12924:READ Q
      :POKE S,Q:NEXT                        <022>
00038 FOR S=12925 TO 13051:READ Q:POKE S,
      Q:NEXT                                <072>
00040 GOSUB 266                             <024>
00042 A=0:B=0                               <039>
00044 POKE V,230:POKE V+1,50                <060>
00046 POKE V+2,60:POKE V+3,160              <061>
00048 POKE V+39,2:POKE V+40,6:POKE V+23,3
      1:POKE V+29,31:POKE V+21,23:PRINT "
      <CLR>"                                <195>
00050 POKE V+28,8                           <142>
00052 POKE 2040,192:POKE 2041,192:POKE 20
      42,195:GOSUB 242:GOSUB 200            <078>
00054 J=PEEK(56320):J=127-(J AND 127)       <115>
00056 K=PEEK(56321):K=127-(K AND 127)       <173>
00058 IF A=1 THEN POKE V+4,PEEK(V+4)-10:I
      F PEEK(V+4)<20 THEN A=0:POKE V+5,25
      5                                     <199>
00060 IF B=1 THEN POKE V+4,PEEK(V+4)+10:I
      F PEEK(V+4)>245 THEN B=0:POKE V+5,2
      55                                    <021>
00062 IF J=8 THEN POKE V,PEEK(V)+5          <108>
00064 IF K=8 THEN POKE V+2,PEEK(V+2)+5      <116>
00066 IF J=4 THEN POKE V,PEEK(V)-5          <047>
00068 IF K=4 THEN POKE V+2,PEEK(V+2)-5      <251>
00070 IF J=1 THEN POKE V+1,PEEK(V+1)+5      <140>
00072 IF K=1 THEN POKE V+3,PEEK(V+3)+5      <160>
00074 IF J=2 THEN POKE V+1,PEEK(V+1)-5      <180>
00076 IF K=2 THEN POKE V+3,PEEK(V+3)-5      <200>
00078 IF J=16 THEN POKE 2040,196:GOSUB 15
      0:GOSUB 156:J=0:POKE 2040,192         <198>
00080 IF K=16 THEN POKE 2041,193:GOSUB 15
      0:GOSUB 158:K=0:POKE 2041,192         <005>
00082 IF A=1 AND PEEK(V+30)=8 THEN POKE 2
      041,194:GOTO 160                      <018>
00084 IF B=1 AND PEEK(V+30)=5 THEN POKE 2
      040,194:GOTO 162                      <251>
00086 IF PEEK(V+0)>250 THEN POKE (V+0),PE
      EK(V+0)-5                             <246>
00088 IF PEEK(V+0)<10 THEN POKE (V+0),PEE
      K(V+0)+5                              <031>
00090 IF PEEK(V+2)<10 THEN POKE (V+2),PEE
      K(V+2)+5                              <040>
00092 IF PEEK(V+2)>250 THEN POKE (V+2),PE
      EK(V+2)-5                             <009>
```

```
00094 IF PEEK(V+1)>250 THEN POKE (V+1),PE
      EK(V+1)-5                                <132>
00096 IF PEEK(V+1)<20 THEN POKE (V+1),PEE
      K(V+1)+5                                 <174>
00098 IF PEEK(V+3)<20 THEN POKE (V+3),PEE
      K(V+3)+5                                 <183>
00100 IF PEEK(V+3)>250 THEN POKE (V+3),PE
      EK(V+3)-5                                <151>
00102 GOTO 54                                  <120>
00104 DATA 0,56,0,0,56,0,0,254,0,0,56,0,0
      ,56,0,0,16,0,0,255,0                     <220>
00106 DATA 1,255,128,3,255,192,3,126,192,
      3,126,192,3,0,192,1,126,64,1,126,64
                                               <216>
00108 DATA 0,126,64,0,102,64,0,102,0,0,10
      2,0,0,102,0,0,102,0,0,119,0,0,0,0        <184>
00110 DATA 0,0,0,0,0,0,0,0,56,0,0,56,0,0,
      254,0,0,56,0,0,56,0,0,16,0,0,255,25
      5                                        <203>
00112 DATA 1,255,240,3,255,0,3,126,0,3,12
      6,0,3,0,0,0,127,224,0,127,224,0,240
      ,224                                     <224>
00114 DATA 7,240,224,7,240,224,4,1,246,0,
      0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
      ,0,0,0                                   <222>
00116 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
      0,0,0,0,0,0,0,0,0,4,0,127,132,193,255
      ,223                                     <254>
00118 DATA 255,255,255,255,255,223,0,255,
      132,0,0,4                                <078>
00120 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
      0,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0
      ,0,0,0                                   <062>
00122 DATA 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
      0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0        <112>
00124 DATA 0,0,0,0,0,0,0,0,0,0,0,0,56,0,0,5
      6,0,0,254,0,0,56,0,0,56,0,0,16,0,25
      5,255                                    <203>
00126 DATA 192,15,255,224,0,127,96,0,127,
      112,0,127,112,0,0,16,1,255,0,1,255,
      0                                        <027>
00128 DATA 1,199,224,0,199,248,1,231,248,
      1,224,24                                 <012>
00130 DATA 0,0,8,0,0,42,0,0,8,0,0,6,0,0,4
      2,0,136,170,0,34,42,0                    <145>
00132 DATA  40,42,0,170,42,0,170,170,160,
      162,170,160,130,170,170,2,170,162,1
      0,170                                    <108>
00134 DATA  162,42,8,130,34,8,130,34,8,12
      8,34,8,128,62,40,128,2,0,128,10,2,1
      28,0                                     <232>
00136 DATA  0,0,0,32,0,0,40,2,0,168,10,12
      8,170,2,0,170,2,0,138,170,128            <013>
00138 DATA  138,130,128,10,170,128,42,170
      ,160,42,170,170,34,170,162,34,170,1
      62,34                                    <000>
00140 DATA  42,162,42,10,162,2,130,32,0,2
      ,42,0,2,2,0,2,128,0,0,128,0,0,0          <229>
00150 S=54296:W=54276:A=54277:H=54273:L=5
      4274                                     <091>
00152 FOR X=15 TO 0 STEP -1:POKE S,X:POKE
       W,129:POKE A,15:POKE H,40:POKE L,2
      00:NEXT                                  <088>
00154 POKE W,0:POKE A,0:RETURN                 <229>
00156 A=1:POKE V+4,PEEK(V+0)-36:POKE V+5,
      PEEK(V+1):B=0:RETURN                     <242>
00158 B=1:POKE V+4,PEEK(V+2)+3:POKE V+5,P
      EEK(V+3):A=0:RETURN                      <200>
00160 GOSUB 254:POKE V+42,2:PRINT "<CLR>"
      TAB(253)"<CTRL-8>TEBRIKLER RET KID"
      :GOTO 164                                <004>
00162 GOSUB 254:POKE V+42,6:PRINT "<CLR>"
      TAB(253)"<CTRL-8>TEBRIKLER BLUE JON
      ES"                                      <176>
00164 POKE V+21,3:FOR L=0 TO 1500:NEXT :P
      OKE V+21,0:PRINT "<CLR>"                 <119>
00166 S=54272:POKE S+24,15:POKE S,220:POK
      E S+1,68:POKE S+5,15:POKE S+62,15:P
      OKE S+7,120                              <180>
00168 POKE 53265,PEEK(53265) OR 64             <236>
00170 PRINT TAB(246)"<RVSON> TEKRAR OYNAY
      ALIM MI? (E/H) "                         <114>
00172 POKE V+21,8:POKE V+7,180                 <149>
00174 POKE S+6,100:POKE S+12,15:POKE S+13
      ,215                                     <164>
00176 P=202                                    <059>
00178 FOR X=245 TO 50 STEP -5                  <013>
00180 POKE V+6,X                               <107>
00182 IF P=202 THEN POKE S+4,129:POKE S+4
      ,128                                     <187>
00184 IF P=203 THEN POKE S+11,129:POKE S+
      11,128                                   <159>
00186 POKE 2043,P:FOR T=1 TO 60:NEXT           <195>
00188 P=P+1:IF P>203 THEN P=202                <184>
00190 NEXT                                     <200>
00192 GET X$:IF X$="" THEN 192                 <200>
00194 IF X$="E" THEN 42                        <070>
00196 IF X$="H" THEN PRINT "<CLR>":LIST 1
      0-22                                     <171>
00198 GOTO 192                                 <078>
00200 POKE 53265,PEEK(53265) AND 191           <049>
00202 PRINT "<CLR>"TAB(214)"<CTRL-6>X"         <145>
00204 PRINT TAB(13)"XXX"                       <032>
00206 PRINT TAB(12)"XXXXX<9SPACE>X"            <231>
00208 PRINT TAB(11)"XXXXXXX<7SPACE>XXX"X"      <244>
00210 PRINT TAB(10)"XXXXXXXXX<5SPACE>XXXX
      X"                                       <187>
00212 PRINT TAB(9)"XXXXXXXXXXX<3SPACE>XXX
      XXX"                                     <029>
00214 PRINT TAB(13)"<CTRL-8>M<RVSON> <RVS
      OFF>N<4SPACE><CTRL-8><2SPACE>XXXXXX
      XX"                                      <117>
00216 PRINT TAB(14)"<CTRL-8><RVSON> <RVSO
      FF><6SPACE><CTRL-8>XXXXXXXXX"            <119>
00218 PRINT TAB(14)"<CTRL-8><RVSON> <RVSO
      FF><9SPACE>M<RVSON> <RVSOFF>N"           <002>
00220 PRINT TAB(25)"<RVSON> <RVSOFF>"          <066>
00222 PRINT TAB(25)"<RVSON> <RVSOFF>"          <068>
00224 RETURN                                   <026>
00226 POKE 53265,PEEK(53265) OR 64:PRINT
      CHR$(150)                                <197>
00228 PRINT "<CLR>"TAB(253)"<RVSON> DR AL
      I HATAY "                                <227>
00230 PRINT "<RVSON><DOWN> DUELLO OYUNUNA
       HOS GELDINIZ DER VE SIZ"                <152>
00232 PRINT "<RVSON><DOWN><4RIGHT>LERE OY
      UNDA BASARILAR DILER "                   <246>
00234 PRINT TAB(243)"<RVSON> KURTULUS CAD
      .NO:15 BIGA CANAKKALE "                  <240>
00236 PRINT "<DOWN><RVSON>BILGI ALIS VERI
      S! ICIN TEL:9-1976-4050 "                <138>
00238 GET S$:IF S$="" THEN 238                 <236>
00240 RETURN                                   <042>
00242 PRINT TAB(255)"<9RIGHT><RVSON> RED
      KID "                                    <043>
00244 PRINT TAB(65)"1.JOSTIK"                  <227>
00246 PRINT TAB(242)"<5DOWN><RVSON> BLUE
      JONES "                                  <096>
00248 PRINT TAB(44)"2.JOSTIK"                  <169>
00250 GET W$:IF W$="" THEN 250                 <151>
00252 RETURN                                   <054>
00254 FQ$="AAAAAHHHHHH !!!!!<12SPACE>"         <234>
00256 FOR I=1 TO LEN(FQ$):L=INT(RND(0)*15
      )+1                                      <229>
00258 F$=MID$(FQ$,I,1)                         <246>
00260 POKE 214,19:POKE 211,29-I:SYS 58640
      :PRINT F$                                <152>
00262 IF L<>1 THEN POKE 648,L-1                <121>
00264 FOR P=1 TO 3:NEXT :NEXT :RETURN          <084>
00266 POKE 2043,204:POKE V+23,8:POKE V+29
      ,8                                       <082>
00268 POKE V+6,150:POKE V+7,130                <084>
00270 FOR A=0 TO 2:FOR B=1 TO 15:POKE V+A
      2,B:FOR C=1 TO 50:NEXT :NEXT :NEXT
                                               <224>
00272 RETURN                                   <076>
```

TUZAK

VEDAT HALLAÇ

Bu program için gerekli tüm açıklamaları, Sinan arkadaşımın bu ayki "KENDİ PROGRAMINIZI KENDİNİZ YAPİN" yazısının sonunda bulabilirsiniz. Programlarınızı yaptıktan sonra bize yollamayı sakın unutmayın. Şimdiden hepinize iyi çalışmalar dilerim.

```
PROGRAM ADI : TUZAK

00010 REM  DEGISKENLERIN AYARLANMASI          <227>
00020 CO=54272:RD=5                           <142>
00030 S1=0:S2=0:REM  OYUNCU 1 VE 2'NIN PU
      ANLARI                                  <030>
00040 B=102:BC=4:REM  CERCEVE KARAKTERI V
      E RENGI                                 <080>
00050 R1=81:C1=2:R2=42:C2=6:REM  OYUNCU 1
       VE 2'NIN KARAKTERLERI VE RENKLERI      <168>
00060 B$="BASLAMAK ICIN ATES'E BASIN"         <007>
00070 C$="<36SPACE>"                          <107>
00080 :                                       <056>
00090 REM  HER TUR ICIN DEGISKENLERIN AYA
      RLANMASI                                <223>
00100 P1=1474:P2=1494:REM  OYUNCULARIN BA
      SLANGIC EKRAN KOORDINATLARI             <152>
00110 P3=1:P4=-1:REM  OYUNCULARIN BASLANG
      IC KOORDINAT DEGISIMLERI                <000>
00120 SC=0:REM  SKOR SAYACLARI                <118>
00130 :                                       <106>
00140 PRINT "<CLR>":REM  OYUN ALANINI CIZ
                                              <180>
00150 POKE 53281,15:POKE 53280,15             <023>
00160 REM  CERCEVEYI CIZ                      <138>
00170 FOR  I=1064 TO  1064+39:POKE I+CO,B
      C:POKE I,B:NEXT :REM  UST               <127>
00180 FOR  I=1904 TO  1904+39:POKE I+CO,B
      C:POKE I,B:NEXT :REM  ALT               <159>
00190 FOR  I=1104 TO  1904 STEP 40:POKE I
      +CO,BC:POKE I,B:NEXT :REM  SOL          <158>
00200 FOR  I=1143 TO  1943 STEP 40:POKE I
      +CO,BC:POKE I,B:NEXT :REM  SAG KENA
      R                                       <213>
00210 REM  OYUNCU PUANLARINI GOSTER           <226>
00220 PRINT "<HOME><CTRL-3><2SPACE>OYUNCU
       1<14SPACE>PUANI:"S1                    <116>
00230 PRINT "<22DOWN><CTRL-7><2SPACE>OYUN
      CU 2<14SPACE>PUANI:"S2;                 <077>
00240 IF  RD=0 THEN  560:REM  OYUNUN SONU
      ?                                       <164>
00250 POKE CO+P1,C1:POKE P1,R1:POKE CO+P2
      ,C2:POKE P2,R2:REM  OYUNCULARI YERL
      ESTIR                                   <115>
00260 PRINT "<HOME><4DOWN>"SPC(2)"TUR<2SP
      ACE>"S-RD+1;"<LEFT>: ";B$               <088>
00270 GOSUB  640:REM  ATES TUSUNU KONTROL
       ET                                     <009>
00280 PRINT "<HOME><4DOWN>"SPC(2)C$           <051>
00290 :                                       <012>
00300 REM  OYUN DONGUSU                       <107>
00310 J1=15-(PEEK(56321) AND 15):IF J1=0
      THEN  360                               <173>
00320 IF  J1=1 THEN P3=-40:GOTO 360:REM
      JOYSTICK #1 YUKARI                      <018>
00330 IF  J1=2 THEN P3=40:GOTO  360:REM
      #1 ASAGI                                <057>
00340 IF  J1=4 THEN P3=-1:GOTO 360:REM  #
      1 SOLA                                  <236>
00350 IF  J1=8 THEN P3=1:GOTO 360:REM  #1
       SAGA                                   <154>
00360 P1=P1+P3:REM  OYUNCU 1'IN YERINI AY
      ARLA                                    <235>
00370 IF  PEEK(P1)<>32 THEN W=2:GOTO 510:
      REM  OYUNCU 1 CARPISMASI?               <227>
00380 POKE P1+CO,C1:POKE P1,R1:REM  HAYIR
      , OYUNCU 1'I ILERLET                    <113>
00390 J2=15-(PEEK(56320) AND 15):IF J2=0
      THEN  440                               <086>
00400 IF  J2=1 THEN P4=-40:GOTO 440:REM
      JOYSTICK #2 YUKARI                      <177>
00410 IF  J2=2 THEN P4=40:GOTO  440:REM
      #2 ASAGI                                <056>
00420 IF  J2=4 THEN P4=-1:GOTO 440:REM  #
      2 SOLA                                  <237>
00430 IF  J2=8 THEN P4=1:GOTO 440:REM  #2
       SAGA                                   <076>
00440 P2=P2+P4:REM  OYUNCU 2'IN YERINI AY
      ARLA                                    <137>
00450 IF  PEEK(P2)<>32 THEN W=1:GOTO 510:
```

```
      REM  OYUNCU 2 CARPISMASI?          <018>
00460 POKE P2+CO,C2:POKE P2,R2:REM  HAYIR
      , OYUNCU 2'Yİ İLERLET              <003>
00470 SC=SC+1:REM  PUAN SAYACINI YENILE  <064>
00480 GOTO 310:REM  OBUR HAREKET         <209>
00490 :                                  <212>
00500 REM  CARPISMA VAR!!!!              <161>
00510 IF  W1=1 THEN S1=S1+SC*10+10:GOTO 5
      30:REM  OYUNCU 1 PUAN ALIR!        <123>
00520 S2=S2+SC*10+10:REM  OYUNCU 2 PUAN A
      LIR!                               <176>
00530 FOR I=0 TO 750:NEXT :RD=RD-1:GOTO 1
      00:REM  BEKLE. IKINCI TUR          <232>
00540 :                                  <008>
00550 REM  OYUN BITTI!!!!                <223>
00560 PRINT "<HOME><9DOWN>"SPC(15)"OYUN B
      ITTI"                              <097>
00570 IF  S1=S2 THEN PRINT SPC(14)"BERABE
      RLIK!!":GOTO 600                   <138>
00580 W=1:IF S2>S1 THEN W=2              <179>
00590 PRINT SPC(12)"OYUNCU"W"KAZANDI!"   <000>
00600 PRINT SPC(3)"<DOWN>TEKRAR "B$      <039>
00610 GOSUB  640:RUN :REM  YENI OYUN     <206>
00620 :                                  <088>
00630 REM  ATES TUSU KONTROLU            <142>
00640 J1=PEEK(56321) AND 16:J2=PEEK(56320
      ) AND 16:IF J1=16 AND J2=16 THEN 64
      0                                  <056>
00650 RETURN                             <200>
```

KOALA-HIRES

YUSUF GÜLENER

Çizim meraklılarına bir utility daha. Bu program hem kısa hem de çok kullanışlı. Bunun sayesinde KOALA ile çizdiğiniz bir resmi ADVENCED ART STUDIO'ya çevirebiliyorsunuz. Böylece her iki programın da en iyi yönlerinden yararlanabiliyorsunuz. Programı MDE ile yazın, kaydettikten sonra gönül rahatlığı ile çalıştırın, KOALA formatında kayıtlı olan çizimin adını yazın ve son olarak da ADVANCED ART STUDIO formatına çevrildikten sonra diske hangi ad altında kaydedilmesini istiyorsanız onu yazın. Hepsi bu kadar, daha ne diyebilirim? Haydi iyi çizimler...

```
 PROGRAM   : KOALA-HIRES    0801 1301
-----------------------------------

0801 : 18 90 D0 06 9E 20 32 30   6A
0809 : 37 32 20 44 59 4E 41 4D   92
0811 : 49 58 00 00 00 00 00 D8   38
0819 : 78 A9 30 85 01 A2 77 BD   A1
0821 : 53 08 5D 03 08 9D 00 01   A0
0829 : CA 10 F4 A2 0B F0 18 A0   67
0831 : 36 B9 CA 12 49 A7 99 D7   21
0839 : 8F 88 C0 FF D0 F3 CE 34   8D
0841 : 08 CE 39 08 CA D0 EA A2   24
0849 : D7 A0 85 86 2D 84 2E 4C   EB
0851 : 00 01 70 06 2F 0D FB FB   F2
0859 : E7 7B E8 F5 74 BE 65 E7   99
0861 : 81 E9 2D 48 8A A8 68 50   5B
0869 : E9 07 E0 7E A8 A1 6F D8   E5
0871 : 7E 8D 70 93 0A 7B 2E 8B   91
0879 : D2 75 5A 27 A5 60 CB 46   9A
0881 : 99 69 05 DA F8 8A 33 1F   5A
0889 : 9E A5 30 D8 56 5D 7F 19   A1
0891 : 8D 61 F1 B9 E7 55 EB 6A   30
0899 : 66 8D 08 83 2C 2D 28 EE   E3
08A1 : 00 F1 BB 97 81 EB D6 2B   A5
08A9 : E5 9D C6 13 DA 6E C0 01   97
08B1 : 2E 39 8C E1 BD 2D 69 F9   BA
08B9 : 99 82 CD D7 A1 24 41 80   43
08C1 : 32 86 78 B3 39 DE 62 25   29
08C9 : 75 6C A7 A6 AF 97 6C AC   F6
08D1 : AF 77 A1 39 95 97 92 9E   69
08D9 : A7 07 A7 2B 87 77 2B 86   41
08E1 : 77 0E A8 2A 21 A5 87 E3   F4
08E9 : 42 05 A7 1A A7 AE 57 A1   6B
08F1 : 87 75 58 4F 77 52 87 25   A5
08F9 : AF 87 32 AF 87 87 20 87   33
0901 : 84 20 05 A7 1A A7 A3 3A   AD
0909 : E7 98 1A A7 A2 3A E7 E7   23
0911 : 1A A7 A1 3A E7 E6 1A A7   1C
0919 : A0 3A E7 E5 1A A7 7F 3A   DE
0921 : 9F E4 1A A7 7E 3A 9F E3   AE
0929 : 1A A7 7D 3A 9F E2 1A A7   86
0931 : 7C 3A 9F E1 4F 77 6A 87   58
0939 : A7 37 05 A7 1A C7 AE 57   FB
0941 : A1 87 75 58 4F 77 52 87   17
0949 : 25 AF 87 08 AF EB BC AF   D5
0951 : 05 A7 87 68 58 6E AA 57   6B
0959 : A1 3A E7 A4 4F 77 54 29   FA
0961 : 98 A4 C7 0E A7 0F 05 AF   65
0969 : 87 1D 58 0A 98 A4 05 E7   69
0971 : 07 A4 87 1A 58 0E A7 0D   9E
0979 : 07 C7 EB 72 58 0E 87 22   05
0981 : 8B 0E A7 22 9C 05 AF 87   00
```

```
0989 : 1D 58 0A 98 A4 05 E7 07  88
0991 : A4 87 1A 58 0E 8C 05 9F  23
0999 : 07 E0 EB 7F 58 87 87 87  EA
09A1 : 6C 89 A7 34 87 87 EC E8  7C
09A9 : E6 EB E6 8A F7 EE E4 F3  02
09B1 : F2 F5 E2 87 9B 9A 99 87  4B
09B9 : E6 E3 F1 E6 E9 E4 E2 E3  03
09C1 : 87 E6 F5 F3 87 F4 F3 F2  8D
09C9 : E3 89 AA AA 87 87 87 9B  7B
09D1 : E4 99 87 E5 FE 87 E3 E8  AE
09D9 : F7 E2 87 E8 E1 87 E3 FE  28
09E1 : E9 E6 EA EE FF 87 E8 E9  89
09E9 : 87 95 89 9F 89 98 9E 9F  98
09F1 : 9E AA AA AA 87 EC E8 E6  35
09F9 : EB E6 8A E9 E6 EA E2 87  97
0A01 : 9D 87 A7 AA AA F4 E6 F1  73
0A09 : E2 E9 E6 EA E2 87 9D 87  E7
0A11 : A7 A7 A7 6C A7 87 20 97  6A
0A19 : 6C EB 9F 2F EB 2C 2F 87  34
0A21 : 45 2D EB 38 2B F9 40 FF  82
0A29 : FA 22 CC A3 D1 E4 03 7D  27
0A31 : 17 64 F5 05 D0 75 B2 8A  31
0A39 : EA 8D BA 02 37 8B BE 94  CD
0A41 : CD B9 8F E3 E6 A4 A2 3A  DE
0A49 : 20 63 A9 79 2E 3D E1 DD  C4
0A51 : 04 FD 2F A5 AB 77 F3 B5  86
0A59 : 7C 0D 01 4E 27 07 16 B0  CA
0A61 : 4F 18 92 29 D3 BC 33 54  1F
0A69 : 9E A7 47 65 99 0A EB C8  84
0A71 : C1 B7 0F 9C CB A0 E8 1A  FF
0A79 : D6 C4 3B 7A CE 38 26 52  BB
0A81 : DA 73 1C 96 49 97 DC 71  96
0A89 : D4 50 62 70 7B C6 5E 48  24
0A91 : 69 D7 89 E7 1B 1E 56 4D  DC
0A99 : D5 68 CF D8 6B 57 85 98  6A
0AA1 : 6C A6 6C F2 C0 DF FC 2D  33
0AA9 : DE B6 9A 2B F0 F7 BB 3E  29
0AB1 : 46 00 D9 10 93 3C 95 3F  60
0AB9 : 76 C5 43 DB FE 82 66 30  5C
0AC1 : 90 EC 78 E0 12 6E 2C 61  0A
0AC9 : CA 24 F6 7F 34 AE 4A EF  15
0AD1 : D2 8C 55 14 11 6F 72 53  BE
0AD9 : E9 06 A1 91 74 B8 60 83  F5
0AE1 : FB 5F 1F 08 19 32 1D F1  D0
0AE9 : 9D 23 C7 7E C9 6A 42 45  5D
0AF1 : 87 35 44 ED AD 51 E5 4B  75
0AF9 : 84 F4 80 B4 15 88 8E 0C  96
0B01 : 25 6D B1 AA 21 9B 0E 39  38
0B09 : 28 67 09 81 BD EE F8 36  FB
0B11 : BF AF 31 2A A8 E2 C2 0B  FC
0B19 : 4C 9F 41 AC C3 A6 86 13  CC
0B21 : B3 A4 AB 97 67 A4 AB 97  7E
0B29 : 67 A4 5B 54 68 98 5B 54  A5
0B31 : 68 98 5B 0E A7 2A 87 77  57
0B39 : 2A 86 77 0A B6 77 8E 48  B7
0B41 : 2A B6 77 0E A7 22 5C 0E  7F
0B49 : 87 22 5B 07 A7 0E A7 36  8F
0B51 : 5C 41 5C 77 A5 41 5B 02  2A
0B59 : 5C 6E E7 77 57 02 5B 6E  A5
0B61 : 98 77 4D 0A B6 77 AE 87  3A
0B69 : 2A B6 77 0A B1 77 8E 78  0F
0B71 : AE B7 2A B1 77 0A BF 77  71
0B79 : AE AF 2A BF 77 0A B6 77  13
0B81 : AE B7 2A B6 77 C7 0E 8F  79
0B89 : 22 5C 0E 24 22 5B 0E A7  66
0B91 : 22 5A 0E 7F 22 59 07 A7  AC
0B99 : 16 5C 36 5A 41 5C 77 A5  D6
0BA1 : 41 5B 41 5A 77 A5 41 59  88
0BA9 : 02 5C 6E B7 77 4D 02 5B  0C
0BB1 : 6E 20 77 43 0E E7 22 5C  D7
0BB9 : 0E D8 22 5B 0E A7 22 5A  83
0BC1 : 0E A3 22 59 07 A7 16 5C  13
0BC9 : 36 5A 41 5C 77 A5 41 5B  69
0BD1 : 41 5A 77 A5 41 59 02 5C  71
0BD9 : 6E 8F 77 4D 02 5B 6E 24  93
0BE1 : 77 43 0E A3 22 5A 22 59  22
0BE9 : 0E A4 22 5B 0E 5E 22 5C  52
0BF1 : 01 5C 1B 8B 20 01 59 1E  04
0BF9 : 3D D7 9A 81 2F BE 3D 97  06
0C01 : 3E 3D 97 87 39 2B 1E 5D  D5
0C09 : C7 9A 81 2F BE 5D 87 3E  D5
0C11 : 5D 87 87 39 2B 1E 71 C1  28
0C19 : 9A 81 2F BE 71 81 3E 71  16
0C21 : 81 87 39 2B 1E EB DA 9A  FB
0C29 : 81 2F BE EB 9A 3E EB 9A  EF
0C31 : 1E 1F CC 9A 81 2F BE 1F  30
0C39 : 8C 3E 1F 8C 87 39 2B 1E  69
0C41 : FF DC 9A 81 2F BE FF 9C  A7
0C49 : 3E FF 9C 87 39 2B 1E 29  57
0C51 : D5 9A 81 2F BE 29 95 3E  C2
0C59 : 29 95 87 39 2B 1E D7 D0  FA
0C61 : 9A 81 2F BE D7 90 3E D7  0A
0C69 : 90 1E 49 C5 9A 81 2F BE  03
0C71 : 49 85 3E 49 85 87 39 2B  05
0C79 : 1E DB D2 9A 81 2F BE DB  D1
0C81 : 92 3E DB 92 87 39 2B 1E  A7
0C89 : 0B CA 9A 81 2F BE 0B 8A  FA
0C91 : 3E 0B 8A 87 39 2B 1E CD  E9
0C99 : DF 9A 81 2F BE CD 9F 3E  61
0CA1 : CD 9F 1E 53 C6 9A 81 2F  D5
0CA9 : BE 53 86 3E 53 86 87 39  74
0CB1 : 2B 1E F9 DD 9A 81 2F BE  15
0CB9 : F9 9D 3E F9 9D 87 39 2B  A1
0CC1 : 1E 7B C2 9A 81 2F BE 7B  24
0CC9 : 82 3E 7B 82 87 39 2B 1E  C5
0CD1 : 01 C9 9A 81 2F BE 01 89  8E
0CD9 : 3E 01 89 1E 45 C3 9A 81  9E
0CE1 : 2F BE 45 83 3E 45 83 1E  89
0CE9 : 2F D4 9A 81 2F BE 2F 94  28
0CF1 : 3E 2F 94 1E 63 CE 9A 81  CA
0CF9 : 2F BE 63 8E 3E 63 8E 1E  A7
0D01 : C3 DE 9A 81 2F BE C3 9E  3F
0D09 : 3E C3 9E 87 39 2B 1E 19  59
0D11 : CD 9A 81 2F BE 19 8D 3E  D9
0D19 : 19 8D 87 39 2B 1E F5 DB  35
0D21 : 9A 81 2F BE F5 9B 3E F5  41
0D29 : 9B 87 39 2B 1E 6D CF 9A  FD
0D31 : 81 2F BE 6D 8F 3E 6D 8F  67
0D39 : 1E 25 D3 9A 81 2F BE 25  09
0D41 : 93 3E 25 93 87 39 2B 1E  DA
0D49 : 4F C4 9A 81 2F BE 4F 84  00
0D51 : 3E 4F 84 87 39 2B 1E 07  BC
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0D59 : C8 9A 81 2F BE 07 88 3E  77
0D61 : 07 88 87 39 2B 1E 77 C0  B8
0D69 : 9A 81 2F BE 77 80 3E 77  CB
0D71 : 80 1E 33 D6 9A 81 2F BE  98
0D79 : 33 96 3E 33 96 87 39 2B  CE
0D81 : 1E E1 D9 9A 81 2F BE E1  AA
0D89 : 99 3E E1 99 87 39 2B 1E  18
0D91 : 15 C8 9A 81 2F BE 15 8B  B7
0D99 : 3E 15 8B 87 39 2B 1E D1  3F
0DA1 : D1 9A 81 2F BE D1 91 3E  43
0DA9 : D1 91 1E A7 C7 9A 81 2F  75
0DB1 : BE A7 87 3E A7 87 02 5C  64
0DB9 : 57 B4 61 5C 41 59 61 5B  69
0DC1 : B7 AF 02 5A 22 59 0E A4  8A
0DC9 : 22 5B EB 52 2F 61 5A 57  F4
0DD1 : AC 02 5A 22 59 0E A4 22  36
0DD9 : 5B EB 56 2F C7 0E A3 22  65
0DE1 : 5A 22 59 0E A4 22 5B 0E  49
0DE9 : 5E 22 5C 01 5C 1B 8B 20  9D
0DF1 : 01 59 1E 3D 97 9A 88 2F  9D
0DF9 : 3E 3D 97 87 39 2B 1E 5D  CD
0E01 : 87 9A 88 2F 3E 5D 87 87  D9
0E09 : 39 2B 1E 71 81 9A 88 2F  FB
0E11 : 3E 71 81 87 39 2B 1E EB  96
0E19 : 9A 9A 88 2F 3E EB 9A 87  C5
0E21 : 39 2B 1E 1F 8C 9A 88 2F  79
0E29 : 3E 1F 8C 87 39 2B 1E FF  70
0E31 : 9C 9A 88 2F 3E FF 9C 87  88
0E39 : 39 2B 1E 29 95 9A 88 2F  63
0E41 : 3E 29 95 87 39 2B 1E D7  7F
0E49 : 90 9A 88 2F 3E D7 90 87  22
0E51 : 39 2B 1E 49 85 9A 88 2F  7E
0E59 : 3E 49 85 87 39 2B 1E DB  AB
0E61 : 92 9A 88 2F 3E DB 92 87  64
0E69 : 39 2B 1E 0B 8A 9A 88 2F  1F
0E71 : 3E 0B 8A 87 39 2B 1E CD  C9
0E79 : 9F 9A 88 2F 3E CD 9F 87  4D
0E81 : 39 2B 1E 53 86 9A 88 2F  00
0E89 : 3E 53 86 87 39 2B 1E F9  5D
0E91 : 9D 9A 88 2F 3E F9 9D 87  BD
0E99 : 39 2B 1E 78 82 9A 88 2F  DC
0EA1 : 3E 7B 82 87 39 2B 1E 01  96
0EA9 : 89 9A 88 2F 3E 01 89 87  A8
0EB1 : 39 2B 1E 45 83 9A 88 2F  3E
0EB9 : 3E 45 83 87 39 2B 1E 2F  2F
0EC1 : 94 9A 88 2F 3E 2F 94 87  69
0EC9 : 39 2B 1E 63 8E 9A 88 2F  CA
0ED1 : 3E 63 8E 87 39 2B 1E C3  42
0ED9 : 9E 9A 88 2F 3E C3 9E 87  58
0EE1 : 39 2B 1E 19 8D 9A 88 2F  89
0EE9 : 3E 19 8D 87 39 2B 1E F5  59
0EF1 : 9B 9A 88 2F 3E F5 9B 87  F2
0EF9 : 39 2B 1E 6D 8F 9A 88 2F  4B
0F01 : 3E 6D 8F 87 39 2B 1E 25  7A
0F09 : 93 9A 88 2F 3E 25 93 87  5C
0F11 : 39 2B 1E 4F 84 9A 88 2F  EF
0F19 : 3E 4F 84 87 39 2B 1E 07  84
0F21 : 88 9A 88 2F 3E 07 88 87  4C
0F29 : 39 2B 1E 77 80 9A 88 2F  CC
0F31 : 3E 77 80 87 39 2B 1E 33  08
0F39 : 96 9A 88 2F 3E 33 96 87  0B
0F41 : 39 2B 1E E1 99 9A 88 2F  C2
0F49 : 3E E1 99 87 39 2B 1E 15  5F
0F51 : 8B 9A 88 2F 3E 15 8B 87  FB
0F59 : 39 2B 1E D1 91 9A 88 2F  58
0F61 : 3E D1 91 87 39 2B 1E A7  92
0F69 : 87 9A 88 2F 3E A7 87 87  94
0F71 : 39 2B 02 5C 57 B4 61 5C  A5
0F79 : 41 59 61 5B B7 AF 02 5A  E0
0F81 : 22 59 0E A4 22 5B EB 57  C3
0F89 : 2D 61 5A 57 AC 02 5A 22  71
0F91 : 59 0E A4 22 5B EB 4B 2D  FB
0F99 : C7 C7 0A B6 77 8E 48 2A  FF
0FA1 : B6 77 0E A7 22 5C 0E A3  10
0FA9 : 22 5B 07 A7 0E 87 36 5C  DE
0FB1 : 41 5C 77 A5 41 5B 02 5C  63
0FB9 : 6E 4F 77 57 02 5B 6E A0  8E
0FC1 : 77 4D 0A B1 77 8E 48 2A  F9
0FC9 : B1 77 0A BF 77 8E A6 AE  94
0FD1 : B3 2A BF 77 0A B6 77 8E  C9
0FD9 : 78 AE B7 2A B6 77 C7 AB  79
0FE1 : AF 7F AB AF AF 25 AF AF  73
0FE9 : AF A5 C9 AD AF 29 3F 2B  2A
0FF1 : AF BF AF AF 9F DB CD EB  49
0FF9 : A3 BB 89 C3 47 2D A7 81  D4
1001 : A9 A5 31 97 A7 29 A3 2D  69
1009 : A7 AF 25 1E A6 43 A7 A7  07
1011 : A7 E3 C0 86 A6 A7 27 2D  49
1019 : A7 EB AF 87 A7 A7 A5 A7  30
1021 : A7 E7 E7 A3 A3 A7 A7 3D  BB
1029 : A5 A7 C7 AF A7 21 A7 A3  F3
1031 : A7 A3 23 AF A7 29 D5 2B  DA
1039 : AF A7 A6 D8 D8 78 50 18  43
1041 : 58 58 D2 1C 58 58 D6 58  52
1049 : D8 58 DA 10 58 58 58 5A  64
1051 : 50 6C A3 58 3C D0 DC 50  2A
1059 : 92 18 CE 1A 18 58 54 58  35
1061 : 82 5C 58 50 D2 50 58 58  F3
1069 : 5A 34 56 58 DE D8 C6 58  FE
1071 : 46 58 54 38 26 18 1C 54  3C
1079 : 46 36 3C F8 9A 58 3C 5E  23
1081 : 50 EE 22 D8 DE 54 DE 58  A9
1089 : 5C D2 EB 30 B6 50 58 5   4F
1091 : 14 2F F1 71 58 D8 DA 50  50
1099 : 1C 5C 70 58 50 5A 5A 50  EC
10A1 : 10 14 5E 54 50 50 CE 52  45
10A9 : 50 30 18 50 96 50 54 50  FF
10B1 : 5C D6 58 50 9E 22 DE 50  B0
10B9 : 50 11 6F 2F 8F AF EF AF  E9
10C1 : AF 2D EB AF AF 21 AF AF  1A
10C9 : AF 2D 6F AF AF AF BD 6C  29
10D1 : A2 AF EB AF 2B AF 65 AF  61
10D9 : 39 EF EF AF A3 AF 7F AB  09
10E1 : AF AF 25 AF AF AF AD CB  6E
10E9 : AD AF 29 3F 3B AF BF AF  30
10F1 : AF 9F DB CD EB A3 BB 89  FE
10F9 : C3 47 2D A7 81 A1 A5 31  BE
1101 : 95 A7 29 A3 2D A7 AB 25  32
1109 : 1F A7 43 A7 A7 A7 E3 C0  8A
1111 : 86 A6 A7 27 2D A7 EB A3  C0
1119 : 87 A7 A7 A5 A7 A7 E7 E3  31
1121 : A3 A3 A7 A7 39 A5 A7 C7  64
```

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1129 : AF A7 61 A7 A3 A7 A3 23  45
1131 : AF A7 69 D5 2B AF A7 E6  65
1139 : D8 D8 78 50 18 58 58 C2  D1
1141 : 14 58 58 D6 58 58 58 DA  D2
1149 : 10 58 58 58 5A 50 6C A3  C8
1151 : 58 3C 50 DC 50 92 18 CE  0F
1159 : 1A 18 58 54 58 82 5C 58  DC
1161 : 50 D2 50 58 58 5A 34 56  0F
1169 : 58 DE D8 C6 58 46 58 54  01
1171 : 38 26 38 1C 56 46 76 3C  38
1179 : B8 9E 58 3C 5E 50 CE 60  82
1181 : D8 DE 54 DA 58 58 D0 EF  A4
1189 : 50 B6 50 58 58 14 2F F1  1A
1191 : 51 58 D8 DA 58 1C 5C 70  58
1199 : 58 50 5A 5A 58 10 18 5E  1E
11A1 : 54 50 50 CE 52 50 30 18  A4
11A9 : 50 96 50 5C 50 5C D6 58  D8
11B1 : 50 9E 22 DE 50 50 11 2F  DF
11B9 : 2F 8F AF EF AF AF 2D EB  9F
11C1 : AF AF 21 AF AF AF 2D EF  93
11C9 : AF AF AF BD 6C A2 AF EB  66
11D1 : AF 2B AF 65 AF 39 EB EF  03
11D9 : AF AB AF 7F AB AF AF 25  7B
11E1 : AF AF AF A5 CB A9 AF 29  23
11E9 : 3F 3B AD BB AF AF 9F DB  57
11F1 : CD EB A3 BB 89 C3 47 2D  42
11F9 : A7 81 A9 A5 31 97 A7 29  41
1201 : A3 2D A7 AF 25 1E A7 43  83
1209 : A7 A7 A7 E3 C1 86 A6 A7  24
1211 : 27 2D A7 EB A7 87 A7 A7  DB
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1219 : A5 A7 A7 E7 E7 A3 A3 A7  F2
1221 : A7 3D A5 A7 C7 AF A7 21  A0
1229 : A7 A3 A7 A3 23 AF A7 29  A1
1231 : D5 2B AF A7 E7 D8 D8 78  16
1239 : 50 18 58 58 C2 14 58 58  95
1241 : D6 58 58 58 DA 10 58 58  A5
1249 : 58 5A 50 6C A3 58 3C D0  00
1251 : DC 50 92 10 CE 1E 18 58  EB
1259 : 54 58 82 5C 58 50 D2 50  F9
1261 : 58 58 5A 34 56 58 DE D8  58
1269 : C6 58 46 50 14 38 26 18  C3
1271 : 1C 56 46 76 3C B8 9E 58  CD
1279 : 3C 5E 50 5E 60 58 DE 54  B1
1281 : DA 58 58 D2 EB 50 B6 50  B4
1289 : 58 58 14 2F 71 51 58 58  AC
1291 : DA 58 1C 5C 70 58 50 5A  EA
1299 : 5A 58 10 18 5E 54 50 50  91
12A1 : 4E 52 50 30 58 50 D6 50  36
12A9 : 54 50 5C D6 58 50 DE 22  DF
12B1 : DE 50 50 10 6F 2F 8F AF  DC
12B9 : EF AF AF 3D EB AF AF 21  51
12C1 : AF 2F AF 2D 6F AF AF AF  2C
12C9 : BF 6C A2 AF EB AF 2B AF  A5
12D1 : 65 AF 39 EF EF AF AB AF  E5
12D9 : 7F AB AF AF 25 AF AF AF  FE
12E1 : A5 CB A9 AF 29 3F 3B AF  A5
12E9 : BB AF AF 9F DB CF EB A3  8F
12F1 : BB A7 87 43 58 6E 87 77  D0
12F9 : 5E EB 38 2B 6C A7 A7 A7  B2
```

HIRES-LORES

YUSUF GÜLENER

Merhaba, yine ben. Adından da tahmin edebileceğiniz gibi bu program çizim programlarıyla yapılmış çizimleri karakter setlerine çeviri ve bunları diskinize kaydeder. Bu programı da MDE ile yazın ve kaydedin. Sadece gerekli sorulara gerekli isimleri girmeniz yeterli. Program, çiziminizi yükleyecek, gerekli çevrimleri ve ayarlamaları yapacak ve yeni karakter setindeki çiziminizi diske kaydedecektir. İlk soruya (HIRES NAME) çiziminizin ismini girin. Gerekli işlemleri ekranda da göreceksiniz. İkinci ve üçüncü sorulara da istediğiniz isimleri girin (CHARSET NAME: karakter setinin ismi, SCREEN NAME: Ekran ismi). Karakter seti, $2000'den karakter matrisi ise $1C00'dan itibaren diske kaydedilecektir. Hepinize iyi çalışmalar dilerim.

```
 PROGRAM   : HIRES-LORES   0801 0BFD
-----------------------------------

0801 : 0D 08 CE 07 9E 20 28 32  97
0809 : 30 36 34 29 00 00 00 78  78
0811 : A9 34 85 01 A2 05 BD 42  24
0819 : 08 9D 2D 00 CA 10 F7 9A  7D
0821 : A0 00 C6 32 CE 2C 08 B1  8B
0829 : 31 99 00 00 C8 D0 F8 A5  69
0831 : 32 C9 08 D0 ED B9 48 08  42
0839 : 99 00 01 C8 D0 F7 4C 00  2A
0841 : 01 0A 08 3C FD FD 0B B1  30
0849 : 2F 2A 2A 2A 2A 29 07 AA  BB
0851 : BD 1A 01 8D 18 01 B1 2F  BC
0859 : 29 1F AA 20 22 01 4C FF  1C
0861 : 01 A4 43 AB 79 58 3B 3F  C0
0869 : 29 E6 2F D0 02 E6 30 60  C4
0871 : B1 2F 20 22 01 91 2D E6  25
0879 : 2D D0 02 E6 2E CA D0 F5  D4
0881 : F0 C5 A9 00 F0 EF A9 FF  F3
0889 : D0 EB B1 2F 91 2D E6 2F  1E
0891 : D0 02 E6 30 E6 2D D0 02  41
0899 : E6 2E CA D0 ED F0 A8 20  AC
08A1 : 71 01 B1 2F 20 22 01 91  1F
08A9 : 2D E6 2D D0 02 E6 2E CA  54
08B1 : D0 F5 C6 39 10 F1 30 8F  C5
08B9 : 86 39 B1 2F AA 4C 22 01  C6
08C1 : 20 71 01 B1 2F 91 2D E6  12
08C9 : 2F D0 02 E6 30 E6 2D D0  4E
08D1 : 02 E6 2E CA D0 ED C6 39  35
08D9 : 10 E9 4C 00 01 2C DA 01  D0
08E1 : A9 37 85 01 58 20 0A 08  66
08E9 : 4C AE A7 E0 00 F0 EE A9  29
08F1 : 03 2C A9 08 85 FF B1 2F  F3
08F9 : 91 2D C8 C4 FF D0 F7 18  B2
0901 : A5 2D 65 FF 85 2D A5 2E  4B
0909 : 69 00 85 2E A0 00 CA D0  70
0911 : E5 18 A5 2F 65 FF 85 2F  1C
0919 : A5 30 69 00 85 30 4C 00  3C
0921 : 01 B9 00 EF 99 00 FF C8  28
0929 : D0 F7 CE DC 01 CE DF 01  4C
0931 : AD DF 01 C9 DF D0 EA 60  38
0939 : 61 8C A0 00 8C 20 D0 8C  2F
0941 : 21 D0 A9 0F 20 44 E5 A2  18
0949 : 00 BD 12 09 F0 06 20 D2  33
0951 : FF E8 D0 F5 20 C1 08 A9  3B
0959 : 00 A0 20 85 FE 84 FF 20  B6
0961 : D4 08 20 1A 81 A2 00 BD  2D
0969 : 00 04 9D 00 1C BD 00 05  8C
0971 : 9D 00 1D BD 00 06 9D 00  B4
```

Commodore

```
0979 : 1E BD 00 07 9D 00 1F E8  7F
0981 : D0 F5 20 E4 FF C9 20 D0  59
0989 : F9 20 44 E5 A2 00 BD 56  2E
0991 : 09 F0 06 20 D2 FF E8 D0  0A
0999 : F5 20 C1 08 A2 00 A0 08  CC
09A1 : BD 00 40 9D 00 20 E8 D0  68
09A9 : F7 EE 72 08 EE 75 08 88  81
09B1 : D0 EE A9 40 A0 20 8D 72  91
09B9 : 08 8C 75 08 A9 00 A0 20  C3
09C1 : A2 28 85 FA 84 FB 85 FC  70
09C9 : 86 FD 20 EF 08 A9 00 A2  67
09D1 : 00 BD 6D 09 F0 06 20 D2  92
09D9 : FF E8 D0 F5 20 C1 08 A0  B1
09E1 : 1D A2 20 85 FA 84 FB 85  D7
09E9 : FC 86 FD 20 85 09 4C 0A  92
09F1 : 08 A2 00 20 CF FF C9 0D  8D
09F9 : F0 06 9D 40 03 E8 D0 F3  FE
0A01 : 8E 3F 03 60 A9 00 A8 A2  7E
0A09 : 08 20 BA FF AD 3F 03 A2  F6
0A11 : 40 A0 03 20 BD FF A9 00  E9
0A19 : A6 FE A4 FF 4C D5 FF A5  26
0A21 : FA A4 FB 85 2B 84 2C A9  F8
0A29 : 00 A8 A2 08 20 BA FF AD  5A
0A31 : 3F 03 A2 40 A0 03 20 BD  C1
0A39 : FF A9 2B A6 FC A4 FD 4C  32
0A41 : D8 FF 48 49 52 45 53 2D  48
0A49 : 4C 4F 52 45 53 20 43 4F  5C
0A51 : 4E 56 45 52 54 45 52 20  5F
0A59 : 49 4E 20 31 39 38 39 20  72
0A61 : 42 59 20 44 59 4E 41 4D  88
0A69 : 49 58 0D 0D 20 20 49 4E  88
0A71 : 50 55 54 20 48 49 52 45  28
0A79 : 53 2D 46 49 4C 45 4E 41  C8
0A81 : 4D 45 20 3A 20 00 20 49  D5
0A89 : 4E 50 55 54 20 43 48 41  9F
0A91 : 52 53 45 54 4E 41 4D 45  17
0A99 : 20 3A 00 20 00 20 49 4E  9D
0AA1 : 50 55 54 20 53 43 52 45  D8
0AA9 : 45 4E 2D 4E 41 4D 45 20  FE
0AB1 : 3A 00 20 00 60 A9 00 A0  88
0AB9 : 1C A2 20 85 FA 85 FC 84  B8
0AC1 : FB 86 FD 4C EF 08 9F FE  C4
0AC9 : 00 9F FE 00 9F FE 00 96  78
0AD1 : 70 00 61 20 78 A5 01 29  A9
0AD9 : FB 85 01 A2 00 A0 D0 86  81
0AE1 : FC 84 FD A2 00 A0 40 86  06
0AE9 : FE 84 FF A2 08 A0 00 B1  66
0AF1 : FC 91 FE C8 D0 F9 E6 FD  03
0AF9 : E6 FF CA D0 F2 A5 01 09  1E
0B01 : 04 85 01 58 A2 00 A0 20  00
0B09 : 86 FE 84 FF A2 00 A0 40  5D
0B11 : 86 FC 84 FD A2 00 A0 04  AB
0B19 : 86 F9 84 FA A2 00 8E 3C  F9
0B21 : 03 AE 3C 03 BD 00 90 F0  EB
0B29 : 17 18 A5 FC 69 08 85 FC  3C
0B31 : 90 02 E6 FD EE 3C 03 F0  FA
0B39 : 02 D0 E6 A9 01 85 FF 60  8F
0B41 : 18 A0 07 B1 FE F0 01 38  8D
0B49 : 99 00 91 88 10 F5 B0 22  0F
0B51 : 18 A5 FE 69 08 85 FE 90  F2
0B59 : 02 E6 FF E6 F9 D0 02 E6  A7
0B61 : FA A5 FE C9 40 D0 D9 A5  64
0B69 : FF C9 3F D0 D3 A9 00 85  CC
0B71 : FF 60 AD 3C 03 A0 00 91  EC
0B79 : F9 A0 07 B9 00 91 91 FC  88
0B81 : 88 10 F8 18 A5 FE 69 08  5A
0B89 : 85 FE 90 02 E6 FF E6 F9  F0
0B91 : D0 02 E6 FA A5 FE C9 40  75
0B99 : D0 08 A5 FF C9 3F D0 02  B4
0BA1 : F0 CB A6 FE A4 FF 88 F7  54
0BA9 : 84 F8 A6 F9 A4 FA 86 B4  38
0BB1 : 84 B5 A0 07 B1 F7 D9 00  5B
0BB9 : 91 D0 13 88 10 F6 A0 00  C3
0BC1 : AD 3C 03 91 B4 A0 07 A9  3F
0BC9 : 00 91 F7 88 10 FB 18 A5  2D
0BD1 : F7 69 08 85 F7 90 02 E6  09
0BD9 : F8 E6 B4 D0 02 E6 B5 A5  05
0BE1 : F7 C9 40 D0 CD A5 F8 C9  68
0BE9 : 3F D0 C7 4C 55 80 20 44  8E
0BF1 : E5 4C 00 80 8E E0 00 22  41
0BF9 : 20 00 00 00 41 44 49 20  B5
```

BORSA ANALİZİ

MURAT ERBAŞ

Bu PROGRAM CBM BASIC'le yazılmış bir analiz programıdır. Program açılış ekranıyla başlamaktadır. Şimdi programı adım adım inceliyelim.

ANA MENÜ

* KAYIT: Bu seçenekle KAYIT menüsüne girilir. VERİ GİRİŞİ bilgilerin girilmesiyle ilgilidir. Önce dosya kodu istenir. Bir şey yazmazsanız KAYIT Menüsüne geri dönersiniz. Kodu girdikten sonra eğer diskette bu dosya varsa üzerine, yoksa yeni bir dosya açılarak kayda başlanır. İlk bilgi TARİH'tir. Daha sonra o günkü işlem adedi istenir. Sonra sırayla o günkü en düşük, en yüksek ve kapanış fiyatları girilir. Şimdi karşınıza üç seçenek çıkmıştır: (HATA-DEVAM-ÇIKIŞ). HATA: veri girilirken verilerin girilmesinin devamını sağlar. ÇIKIŞ: O dosyadan çıkmaya yarar. KAYIT menüsünün son seçeneği ANA MENÜ'ye dönüştür.

* LİSTE: Bu seçenekle LİSTE menüsüne girilir. HAFTALIK seçeneği ve dosya kodunun verilmesiyle liste alınır. Burada her tarihe bir sayaç numarası verilir. Bu sayı çok önemlidir. Listenin sonunda tekrar görmek isteyip istemediğiniz sorulur. EVET derseniz listenin başına dönülür. HAYIR derseniz LİSTE Menüsüne dönülür. Bu menüden son seçeneği ANA MENÜYE dönüştür.

* GRAFİK: Bu seçenekle GRAFİK menüsüne girilir. HAFTALIK seçeneği ve dosya kodunun girilmesiyle GRAFİK menüsünün bir alt menüsüne girilir. Burada üç seçenek vardır. ÇİZGİ GRAFİK; kapanış fiyatlarını gözönüne alarak ve bu arada gerekli hesapları yaparak çizim işlemini yapar. ÇUBUK GRAFİK; en düşük, en yüksek ve kapanış fiyatlarıyla işlem adedini gözönüne alarak çubuk grafik çizer. Grafik bölümde grafiğin başlayacağı tarih sayaç numarasıyla bilgisayara belirtilir. Son seçenek her zamanki gibi ANA MENÜ'ye dönüşür.

```
PROGRAM ADI : BORSA ANALIZI

00000 COLOUR  0,0:PRINT "<CLR>":POKE 646,
      11
00001 HIRES  11,0
00002 LINE  160,1,164,15,1:LINE  164,15,1
      78,8,1:LINE  178,8,170,21,1
00003 LINE  170,21,185,25,1:LINE  185,25,
      170,29,1:LINE  170,29,178,43,1
00004 LINE  178,43,164,35,1:LINE  164,35,
      160,50,1:LINE  160,50,156,35,1
00005 LINE  156,35,142,43,1:LINE  142,43,
      150,29,1:LINE  150,29,135,25,1
00006 LINE  135,25,150,21,1:LINE  150,21,
      142,8,1:LINE  142,8,156,15,1
00007 LINE  156,15,160,1,1:PAINT  160,25,
      1
00008 TEXT  157,18,"A",2,2,8
00009 TEXT  60,70,"POLE STAR",1,3,24
00010 TEXT  70,100,"SOFTWARE",1,3,24
00011 TEXT  85,145,"ALL RIGHTS RESERVED",
      1,1,8
00012 TEXT  30,175,"POLE STAR SOFTWARE IS
       INSERTED BY",1,1,8
00013 TEXT  50,188,"ALOS HOLDING COMPANY,
      TURKEY",1,1,8
00014 TEXT  74,190,".",1,1,8
00015 GET A$:IF A$="" THEN  15
00016 HIRES  11,0
00017 TEXT  90,5,"POLE STAR",1,2,16:TEXT
       100,24,"SOFTWARE",1,2,16
00018 TEXT  130,45,"PRESENT",1,1,8:TEXT 4
      5,90,"BORSA ANALIZI",1,3,16
00019 TEXT 225,81,".",1,1,6:TEXT 261,81,"
      .",1,1,8
00020 TEXT  62,140,"WRITTEN BY : MURAT ER
      BAS",1,1,8:TEXT 246,142,".",1,1,8
00021 TEXT  80,165,"COPYRIGHT<2SPACE>C<3S
```

```
      PACE>1990",1,1,8:CIRCLE  172,168,8,
      6,1
00022 GET A$:IF A$="" THEN  22
00023 CSET 0:CLR
00025 DIM TRH$(365),EY(365),ED(365)
00030 DIM KA(365),IA(365)    *
00105 COLOUR 0,0:POKE 646,11
00150 PRINT "<CLR>":CENTRE "<RVSON> : A N
       A<2SPACE>M E N U : " :PRINT
00160 PRINT "<2DOWN><14SPACE>F1 - KAYIT"
00170 PRINT "<DOWN><14SPACE>F3 - LISTE"
00190 PRINT "<DOWN><14SPACE>F5 - DOS"
00195 PRINT "<DOWN><14SPACE>F7 - GRAFIK"
00200 GET  A$:IF A$="" THEN 200
00210 IF  A$="<F1>"  THEN  260
00220 IF  A$="<F3>"  THEN  730
00230 IF  A$="<F5>"  THEN  1270
00240 IF  A$="<F7>"  THEN  1700
00250 GOTO  200
00260 REM  ** KAYIT **
00270 PRINT "<CLR>":CENTRE "<RVSON> : K A
       Y I T : ":PRINT
00290 PRINT "<2DOWN><12SPACE>F1 - VERI GI
      RISI"
00295 PRINT "<DOWN><12SPACE>F3 - ANA MENU
      "
00300 GET  A$:IF  A$=""  THEN  300
00310 IF  A$="<F1>"  THEN  350
00330 IF  A$="<F3>"  THEN  23
00340 GOTO  300
00350 PRINT "<CLR>":CENTRE "<RVSON> : K A
       Y I T : ":PRINT
00370 PRINT "<DOWN>HAFTALIK :"
00380 FL$="":INPUT "<2DOWN>DOSYA KODU ";F
      L$
00390 IF  FL$=""  THEN  260
00410 OPEN 6,8,2,FL$+".HAF"+",S,W"
00420 CLOSE  6
00430 OPEN 2,8,15:INPUT#2,A:CLOSE 2
00440 IF  A=0  OR  A=63  THEN  460
00450 PRINT "<CLR>DISK HATASI : ";A
00455 END
00460 PRINT "<CLR><RVSON> DOSYA KODU : <R
      VSOFF>";FL$
00465 PRINT "<UP><32RIGHT><RVSON>HAF."
00469 PRINT :PRINT                    W
00470 PRINT "<DOWN>TARIH<9SPACE>";TRH$
00475 INPUT "<UP><12RIGHT>";TRH$
00480 PRINT "<DOWN>ISLEM ADEDI<2SPACE>";I
      A
00485 INPUT "<UP><12RIGHT>";IA
00500 PRINT "<DOWN>EN DUSUK<5SPACE>";ED
00505 INPUT "<UP><12RIGHT>";ED
00510 PRINT "<DOWN>EN YUKSEK<4SPACE>";EY
00515 INPUT "<UP><12RIGHT>";EY
00520 PRINT "<DOWN>KAPANIS<6SPACE>";KA
00525 INPUT "<UP><12RIGHT>";KA
00540 PRINT :PRINT :CENTRE "<RVSON>H<RVSO
      FF>ATA<2SPACE><RVSON>D<RVSOFF>EVAM<
      2SPACE><RVSON>C<RVSOFF>IKIS":PRINT

00550 GET  A$:IF  A$=""  THEN  550
00560 IF  A$="H"  THEN  460
00570 IF  A$="D"  THEN  G=1:GOTO  600
00580 IF  A$="C"  THEN  G=2:GOTO  600
00590 GOTO  550
00600 REM
00610 OPEN 3,8,3,FL$+".HAF"+",S,A"
00620 PRINT#3,TRH$+" "
00640 PRINT#3,IA
00650 PRINT#3,ED
00660 PRINT#3,EY
00680 PRINT#3,KA
00690 CLOSE  3
00700 IF  G=1  THEN  460
00710 IF  G=2  THEN  260
00720 END
00730 REM  ** LISTE **
00740 Q=0:PRINT "<CLR>":CENTRE "<RVSON> :
       L I S T E : ":PRINT
00760 PRINT "<2DOWN><13SPACE>F1 - HAFTALI
      K"
00765 PRINT "<DOWN><13SPACE>F3 - ANA MENU
      "
00780 GET  A$:IF  A$=""  THEN  780
00800 IF  A$="<F1>"  THEN  830
00805 IF  A$="<F3>"  THEN  23
00820 GOTO  780
00830 PRINT "<CLR>":CENTRE "<RVSON> : L I
       S T E : ":PRINT
00850 PRINT "<DOWN>HAFTALIK :"
00860 FL$="":INPUT "<2DOWN>DOSYA KODU ";F
      L$
00870 IF  FL$=""  THEN  730
00890 OPEN 4,8,4,FL$+".HAF"+",S,R"
00900 CLOSE  4
00910 OPEN 2,8,15:INPUT#2,A:CLOSE 2
00920 IF  A=0  THEN  960
00930 IF  A=62 THEN PRINT "<CLR>BU ISIMDE
       BIR DOSYA YOK !":END
00940 PRINT "<CLR>DISK HATASI : ";A
00950 END
00960 REM
00970 OPEN 5,8,5,FL$+".HAF"+",S,R"
00980 Q=Q+1
00990 INPUT#5,TRH$(Q)
00998 IF  TRH$(Q)=""  THEN  1070
01010 INPUT#5,IA(Q)
01020 INPUT#5,ED(Q)
01030 INPUT#5,EY(Q)
01050 INPUT#5,KA(Q)
01060 GOTO  980
01070 CLOSE  5
01080 FOR  J=1  TO  Q-1
01090 PRINT "<CLR><RVSON> DOSYA KODU : <R
      VSOFF>";FL$
01110 PRINT "<UP><33RIGHT><RVSON>HAF."
01120 PRINT "<2DOWN>TARIH<8SPACE>: ";TRH$
      (J)
01140 PRINT "<DOWN>ISLEM ADEDI<2SPACE>:";
      IA(J)
01150 PRINT "<DOWN>EN DUSUK<5SPACE>:";ED(
      J)
01160 PRINT "<DOWN>EN YUKSEK<4SPACE>:";EY
      (J)
01180 PRINT "<DOWN>KAPANIS<6SPACE>:";KA(J
      )
01185 PRINT "<DOWN>SAYAC<8SPACE>:";J
01190 GET  A$:IF  A$=""  THEN  1190
01200 NEXT  J
01210 PRINT "<2DOWN>TEKRAR ? (E/H)"
01220 GET  A$:IF A$=""  THEN  1220
01230 IF  A$="E"  THEN  1080
01240 IF  A$="H"  THEN  730
01250 GOTO  1220
01260 END
01270 REM  **  DOS  **
01280 PRINT "<CLR>":CENTRE "<RVSON> : D O
       S : ":PRINT
01290 PRINT "<2DOWN><13SPACE>F1 - DIRECTO
      RY"
01300 PRINT "<DOWN><13SPACE>F3 - SCRATCH"

01310 PRINT "<DOWN><13SPACE>F5 - FORMAT"
01320 PRINT "<DOWN><13SPACE>F7 - ANA MENU
      "
01330 GET  A$:IF  A$=""  THEN  1330
01340 IF  A$="<F7>"  THEN  23
01350 IF  A$="<F5>"  THEN  1540
01360 IF  A$="<F3>"  THEN  1450
01370 IF  A$="<F1>"  THEN  1390
01380 GOTO  1330
01390 PRINT "<CLR>":CENTRE "<RVSON> : D O
       S : ":PRINT
01400 PRINT "<DOWN>DIRECTORY :":PRINT :PR
      INT
```

```
01410 DIR "$:*=SEQ":PRINT
01420 PRINT "<DOWN>BIR TUSA BASIN...."
01430 GET  A$:IF  A$=""  THEN  1430
01440 GOTO  1270
01450 PRINT "<CLR>":CENTRE "<RVSON> : D O
      S : ":PRINT
01460 PRINT "<DOWN>SCRATCH :":PRINT
01470 SD$="":INPUT "<DOWN>SILINECEK DOSYA
      ";SD$
01475 IF  SD$=""  THEN  1270
01480 OPEN 6,8,15,"S0:"+SD$:CLOSE  6
01490 OPEN 7,8,15:INPUT#7,A:CLOSE  7
01500 IF  A=1  OR  A=0  THEN  PRINT "<CLR
      >"SD$;" ISIMLI DOSYA SILINDI.":GOTO
       1520
01510 PRINT "<CLR>DISK HATASI :";A:END
01520 GET  A$:IF  A$=""  THEN  1520
01530 GOTO  1270
01540 PRINT "<CLR>":CENTRE "<RVSON> : D O
      S : ":PRINT
01550 PRINT "<DOWN>FORMAT :":PRINT
01560 FA$="":INPUT "<DOWN>FORMAT ADI<2SPA
      CE>";FA$
01570 IF  FA$=""  THEN  1270
01580 ID$="":INPUT "<DOWN>ID NUMARASI ";I
      D$
01590 OPEN 8,8,15,"N0:"+FA$+","+ID$
01600 CLOSE  8
01610 GOTO  1270
01700 REM
01730 REM  ** GRAFIK **
01740 Q=0:PRINT "<CLR>":CENTRE "<RVSON> :
       G R A F I K : ":PRINT
01760 PRINT "<2DOWN><13SPACE>F1 - HAFTALI
      K"
01770 PRINT "<DOWN><13SPACE>F3 - ANA MENU
      "
01780 GET  A$:IF  A$=""  THEN 1780
01790 IF  A$="<F1>"  THEN  1830
01800 IF  A$="<F3>"  THEN  23
01820 GOTO  1780
01830 PRINT "<CLR>":CENTRE "<RVSON> : G R
       A F I K : ":PRINT
01850 PRINT "<DOWN>HAFTALIK :"
01860 FL$="":INPUT "<2DOWN>DOSYA KODU ";F
      L$
01870 IF  FL$=""  THEN 1730
01890 OPEN 4,8,4,FL$+".HAF"+",S,R"
01900 CLOSE  4
01910 OPEN 2,8,15:INPUT#2,A:CLOSE 2
01920 IF  A=0  THEN  1970
01930 IF  A=62 THEN PRINT "<CLR>BU ISIMDE
       BIR DOSYA YOK !":END
01940 PRINT "<CLR>DISK HATASI : ";A
01950 END
01970 OPEN 5,8,5,FL$+",HAF"+",S,R"
01980 Q=Q+1
01990 INPUT#5,TRH$(Q)
01999 IF  TRH$(Q)=""  THEN  2070
02010 INPUT#5,IA(Q)
02020 INPUT#5,ED(Q)
02030 INPUT#5,EY(Q)
02050 INPUT#5,KA(Q)
02060 GOTO  1980
02070 CLOSE  5
02080 Z=Q-1
02090 PRINT "<CLR>":CENTRE "<RVSON> : G R
       A F I K : ";PRINT :PRINT
02093 PRINT "<DOWN>KOD : ";FL$
02095 PRINT "<UP><30RIGHT><RVSON>HAFTALIK
      "
02100 PRINT TAB(53)"F1 - CIZGI"
02110 PRINT TAB(53)"F3 - CUBUK"
02130 PRINT TAB(53)"F5 - ANA MENU"
02140 GET  A$:IF A$=""  THEN  2140
02150 IF  A$="<F1>"  THEN  W=2:GOTO  2200

02160 IF  A$="<F3>"  THEN  W=4:GOTO  2200

02170 IF  A$="<F5>"  THEN  23
02190 GOTO  2140
02200 PRINT "<CLR>":CENTRE "<RVSON> : G R
       A F I K : ":PRINT :PRINT
02210 PRINT "<DOWN>KOD : ";FL$
02220 PRINT "<UP><30RIGHT><RVSON>HAFTALIK
      "
02240 IF  W=2  THEN  PRINT "<DOWN><RVSON>
       CIZGI : "
02250 IF  W=4  THEN  PRINT "<DOWN><RVSON>
       CUBUK : "
02270 S=1:PRINT "<DOWN>SAYAC NO<2SPACE>";
      S
02280 INPUT "<UP><9RIGHT>";S
02300 IF  W=4  THEN  3000
02310 Y=S+50:IF  Y>Z  THEN  Y=Z
02320 EK=1000000:EB=0
02330 FOR  I=S  TO  Y
02340 IF  KA(I)>EB  THEN  EB=KA(I)
02350 IF  KA(I)<EK  THEN  EK=KA(I)
02360 NEXT  I
02370 PRINT "<DOWN>DONEM :";TRH$(S)
02380 PRINT "<DOWN>DONEM :";TRH$(Y)
02390 PRINT "<DOWN>EDF<3SPACE>:";EK
02400 PRINT "<DOWN>EYF<3SPACE>:";EB
02410 PRINT "<DOWN>FARK<2SPACE>:";INT(EB-
      EK)
02420 FOR  I=1  TO  1000:NEXT I
02430 HIRES 11,0
02440 LINE  0,0,319,0,1
02450 LINE  319,0,319,199,1
02460 LINE  319,199,0,199,1
02470 LINE  0,199,0,0,1
02480 LINE  0,28,319,28,1
02490 LINE  64,28,64,199,1
02500 FOR  J=34  TO  199  STEP  15
02510 FOR  I=64  TO  319  STEP  15
02520 PLOT  I,J,1
02530 NEXT  I,J
02540 AD=(EB-EK)/150:HTV=(EB-EK)/10
02550 FOR  I=0  TO  10
02560 D=INT(EK+(I*HTV))
02570 D$=STR$(D)
02580 TEXT  2,180-(15*I),D$,1,1,8
02590 NEXT  I
02600 TEXT  2,2,"KOD :",1,1,8
02610 TEXT  50,2,FL$,1,1,8
02620 TEXT  2,12,TRH$(S),1,1,8
02630 TEXT  2,20,TRH$(Y),1,1,8
02640 EK$=STR$(INT(EK))
02650 EB$=STR$(INT(EB))
02660 FRK$=STR$(INT(EB-EK))
02670 TEXT  200,2,"EYF:",1,1,8
02680 TEXT  235,2,EB$,1,1,8
02690 TEXT  200,11,"EDF:",1,1,8
02700 TEXT  235,11,EK$,1,1,8
02710 TEXT  200,20,"FRK:",1,1,8
02720 TEXT  235,20,FRK$,1,1,8
02723 KA(Y+1)=KA(Y)
02725 V=0:B=0
02730 FOR  I=S  TO  Y
02740 N=(KA(I)-EK)/AD
02750 M=(KA(I+1)-EK)/AD
02755 V=65+B
02760 LINE  V,184-N,V+3,184-M,1
02770 B=B+5
02780 NEXT  I
02800 GET A$:IF A$=""  THEN  2800
02810 PRINT "<CLR>":CSET 0
02820 IF  W=2  THEN  2090
03000 Y=S+50:IF  Y>Z  THEN  Y=Z
03010 EK=1000000:EB=0
03020 FOR  I=S  TO  Y
03030 IF  EY(I)>EB  THEN  EB=EY(I)
03040 IF  ED(I)<EK  THEN  EK=ED(I)
03050 NEXT  I
03060 PRINT "<DOWN>DONEM :";TRH$(S)
03070 PRINT "<DOWN>DONEM :";TRH$(Y)
```

```
03080 PRINT "<DOWN>EDF<3SPACE>:";EK
03090 PRINT "<DOWN>EYF<3SPACE>:";EB
03100 PRINT "<DOWN>FARK<2SPACE>:";INT(EB-
      EK)
03110 FOR  I=1  TO  1000 :NEXT  I
03120 HIRES 11,0
03130 LINE  0,0,319,0,1
03140 LINE  319,0,319,199,1
03150 LINE  319,199,0,199,1
03160 LINE  0,199,0,0,1
03170 LINE  0,28,319,28,1
03180 LINE  0,149,319,149,1
03190 LINE  64,28,64,199,1
03200 FOR  I=28  TO  134  STEP  15
03210 FOR  J=64  TO  319  STEP  15
03220 PLOT  J,I,1
03230 NEXT  J,I
03240 FOR  I=149 TO  199  STEP  15
03250 FOR  J=64  TO  319  STEP  15
03260 PLOT  J,I,1
03270 NEXT  J,I
03280 HTV=(EB-EK)/8:AD=(EB-EK)/90
03290 FOR  I=0  TO  6
03300 D=INT(EK+(I*HTV))
03310 D$=STR$(D)
03320 TEXT  1,132-15*I,D$,1,1,8
03330 NEXT  I
03340 KE=10000000:BE=0
03350 FOR  I=S  TO  Y
03360 IF  IA(I)>BE  THEN  BE=IA(I)
03370 IF  IA(I)<KE  THEN  KE=IA(I)
03380 NEXT
03385 U=INT((BE+KE)/2):U$=STR$(U)
03390 BE$=STR$(BE):KE$=STR$(KE)
03400 TEXT  0,190,KE$,1,1,8
03405 TEXT  0,175,U$,1,1,8
03410 TEXT  0,160,BE$,1,1,8
03420 TEXT  1,2,"KOD:",1,1,8
03425 TEXT  35,1,FL$,1,1,8
03430 TEXT  1,11,TRH$(S),1,1,8
03440 TEXT  1,19,TRH$(Y),1,1,8
03445 V=64
03450 FOR  I=S  TO  Y
03460 M=INT((EY(I)-EK)/AD)
03470 M=133-M
03480 N=INT((ED(I)-EK)/AD)
03490 N=133-N
03500 B=INT((KA(I)-EK)/AD)
03510 B=133-B
03520 V=V+5
03530 LINE  V,M,V,N,1
03550 LINE  V,B,V+2,B,1
03570 C=INT((IA(I)-KE)/((BE-KE)/30))
03580 C=194-C
03590 LINE  V,194,V,C,1
03600 NEXT  I
03610 GET  A$:IF A$="" THEN 3610
03620 PRINT "<CLR>":CSET 0
03630 GOTO  2090
```

STARS

VEDAT HALLAÇ

Stars programının açıklamasını, derginin içinde, Makina Dilinin Püf Noktaları bölümünde bulabilirsiniz. Tüm Commodore'culara iyi çalışmalar dileğiyle...

```
 PROGRAM   : STARS          C000 C16A
-------------------------------------

C000 : 78 A9 00 A0 3F 99 C0 3F  A3
C008 : 99 6A C1 88 10 F7 8C F8  3D
C010 : 07 C8 8C 20 D0 8C 21 D0  3A
C018 : 8C 0E DC C8 8C 1B D0 8C  F9
C020 : 1A D0 A0 00 A9 C0 99 C0  53
C028 : 3F 98 18 69 09 A8 C0 3F  3E
C030 : 90 F2 A9 4B 8D 14 03 A9  E6
C038 : C0 8D 15 03 A9 1B 8D 11  30
C040 : D0 A9 42 8D 12 D0 58 4C  C9
C048 : 47 C0 00 AD 15 D0 09 01  A3
C050 : 8D 15 D0 A2 00 A0 44 CC  A0
C058 : 12 D0 D0 FB 8C 01 D0 BD  15
C060 : AA C0 8D 00 D0 AD 10 D0  2A
C068 : 29 FE 1D 6A C1 8D 10 D0  0F
C070 : BD 2A C1 8D 27 D0 BD AA  AA
C078 : C0 7D EA C0 9D AA C0 BD  77
C080 : 6A C1 69 00 29 01 9D 6A  0B
C088 : C1 C8 C8 C8 E8 E0 3E 90  A8
C090 : C6 EE 18 D0 A2 7D A0 69  99
C098 : AD 4A C0 F0 04 A2 FD A0  47
C0A0 : E9 8E 79 C0 8C 82 C0 4C  BF
C0A8 : 81 EA F1 D4 76 B2 52 F2  E1
C0B0 : 4C 4E 1C D0 48 02 3E DE  90
C0B8 : AC 62 44 BC D4 B2 52 66  37
C0C0 : C0 8A 30 4C 8A C9 DF 81  D4
C0C8 : F0 76 BC F8 98 4E EE A2  3E
C0D0 : D4 02 6C 0C 20 62 16 8E  CD
C0D8 : 60 B2 80 94 34 8A 02 1A  18
C0E0 : 10 C3 06 B7 73 09 D9 CD  CD
C0E8 : 4A 00 01 03 05 02 04 06  50
C0F0 : 07 02 01 03 05 02 04 06  16
C0F8 : 07 02 01 03 05 02 04 06  1E
C100 : 07 02 01 03 05 02 04 06  26
C108 : 07 02 01 03 05 02 04 06  2E
C110 : 07 02 01 03 05 02 04 06  36
C118 : 07 02 01 03 05 02 04 06  3E
C120 : 07 02 01 03 05 02 04 06  46
C128 : 07 02 0B 0C 0F 0B 0C 0F  0C
C130 : 01 0B 0B 0C 0F 0B 0C 0F  93
C138 : 01 0B 0B 0C 0F 0B 0C 0F  9B
C140 : 01 0B 0B 0C 0F 0B 0C 0F  A3
C148 : 01 0B 0B 0C 0F 0B 0C 0F  AB
C150 : 01 0B 0B 0C 0F 0B 0C 0F  B3
C158 : 01 0B 0B 0C 0F 0B 0C 0F  BB
C160 : 01 0B 0B 0C 0F 0B 0C 0F  C3
C168 : 01 0B CF 20 B5 C3 20 CD  7C
```

KOMUT DEĞİŞTİRME

SİNAN VURAL

Daha önce de dergimizde Türkçe komut yapıcı programlar yayınlanmıştır. Bu program da bir anlamda o işi yapıyor, fakat komutları programda açıkladığımız şekilde siz ayarlıyorsunuz. Program sadece BASIC ROM'u kendi altındaki boş RAM'a kopyalıyor ve o alanı işletime geçiriyor. Bundan sonrası sizin ellerinize kalmış.

```
PROGRAM ADI : KOMUT DEG.

00010 PRINT "{CLR}{DOWN}BU PROGRAM YARDIM
      IYLA BASIC KOMUTLARINI                <041>
00020 PRINT "DEGISTIREBILIRSINIZ. AKLINIZ
      DA TUTMANIZ                           <116>
00030 PRINT "GEREKEN KOMUTLARIN ESKILERIY
      LE AYNI                               <067>
00040 PRINT "UZUNLUKTA OLMASI GEREKTIGI V
      E KOMUTUN                             <165>
00050 PRINT "SON KARAKTERININ DEGERININ N
      ORMALDEN                              <212>
00060 PRINT "128 ($80) FAZLA OLMASI GEREK
      TIGIDIR.                              <203>
00070 PRINT "LUTFEN BEKLEYINIZ."            <179>
00080 FOR T=40960  TO 49152:POKE T,PEEK(T
      ):POKE 53280,PEEK(53280)-1:NEXT       <162>
00090 POKE 1,54                             <182>
```